Traffic Control Signal Study – Huntingwood Drive and Commander Boulevard

Date: August 20, 2012
To: Scarborough Community Council
From: Director, Transportation Services, Scarborough District
Wards: Ward 41 – Scarborough-Rouge River
Reference Number: P:\2012\Cluster B\TRA\Scarborough\sc1278
D11-4594587 Commander Huntingwood - traffic signals

SUMMARY

The purpose of this report is to obtain approval for the installation of traffic control signals at Huntingwood Drive and Commander Boulevard, and the removal of a nearby PXO at Dibgate Boulevard. Traffic Control Signals have been secured from a nearby developer as a mitigating measure to improve safety in the area.

Traffic studies from the developer's consultants reveal that this intersection should be upgraded to traffic control signals to improve safety.

RECOMMENDATIONS

Transportation Services recommends that:

1. City Council approve the installation of traffic control signals at the intersection of Huntingwood Drive and Commander Boulevard, subject to the removal of the pedestrian crossover at Dibgate Boulevard.

2. City Council approve the removal of the pedestrian crossover at Huntingwood Boulevard and Dibgate Boulevard, subject to the approval of the traffic control signals at Commander Boulevard.

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

Financial Impact
The financial cost of installing the new traffic control signals and removing the pedestrian crossover will be borne by the developer of the site at the southwest corner of Huntingwood Drive and Commander Boulevard.
ISSUE BACKGROUND
As part of the redevelopment of the commercial plaza at the corner of Brimley Road and Huntingwood Drive, the installation of a new traffic control signal and the removal of a pedestrian crossover were secured through the development process to improve public safety in the area.

COMMENTS
The following characteristics describe the intersection of Huntingwood Drive at Commander Boulevard:
- This three-way intersection is located at the east end of the plaza property and is presently controlled by a stop sign on Commander Boulevard.
- Huntingwood Drive is a two-lane minor arterial roadway.
- Huntingwood Drive has a speed limit of 50 km/h and a daily traffic volume of approximately 12,777 vehicles per day.
- Toronto Transit Commission bus stops are located nearside for eastbound and far side for westbound buses.
- Traffic control signals equipped with a northbound red light camera are located approximately 300 metres west at Huntingwood Drive. Traffic control signals are also located approximately 575 metres east at McCowan Road. These signal spacings are adequate.
- A Pedestrian Crossover (PXO) is located 70 metres west at Dibgate Boulevard
- Sidewalks are located on both sides of Huntingwood Drive and on the east side of Commander Boulevard.

The new Traffic Control Signals will provide community safety benefits while mitigating new development related traffic. The distance to the existing PXO is only 70 metres which is far below the provincial standard of 215 metres; therefore, the new traffic controls signals will require removal of the PXO. The new traffic control signals will still be close enough to serve pedestrians who were used to crossing at Dibgate Boulevard.

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SIGNATURE
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ATTACHMENTS
1. Location Plan (Traffic Control Signals Study – Huntingwood Drive and Commander Boulevard)