



REPORT FOR ACTION

All-Way Stop Control Review - Deep Dene Drive and Camor Court

Date: September 18, 2020
To: Scarborough Community Council
From: Acting Director, Traffic Management, Transportation Services
Wards: Ward 25 – Scarborough-Rouge Park

SUMMARY

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

This report recommends that Scarborough Community Council not authorize the installation of all-way stop control at the intersection of Deep Dene Drive and Camor Court as the existing conditions do not meet the warrant for the installation of such a traffic control device. Currently, this intersection has a stop control facing the eastbound approach on Camor Court at Deep Dene Drive.

RECOMMENDATION

The Acting Director, Traffic Management, Transportation Services recommends that:

1. Scarborough Community Council not authorize all-way compulsory stop control at the intersection of Deep Dene Drive and Camor Court.

FINANCIAL IMPACT

There would be no financial impact associated with the staff recommendation.

DECISION HISTORY

This report addresses a new initiative.

COMMENTS

As a result of a request from Councillor Jennifer McKelvie and area residents, Transportation Services staff reviewed the feasibility of installing all-way stop control at the intersection of Deep Dene Drive and Camor Court.

Existing Conditions

The following key characteristics describe this location:

- This "T" type intersection is located north of Kingston Road, south of Ellesmere Road, east of Morrish Road, and west of Meadowvale Road.
- Deep Dene Drive is classified as a two-lane local road and has a regulatory speed limit of 40 km/h.
- Camor Court is classified as a two-lane local road and has a regulatory speed limit of 50 km/h.
- As Deep Dene Drive is designated as a through highway, eastbound traffic on Camor Court is currently required to stop at Deep Dene Drive.
- There are no sidewalks on Deep Dene Drive and on the north side of Camor Court. Sidewalks are located on the south side of Camor Court.
- The land use in the surrounding area consists mainly of single family residential dwellings.

Analysis

An All-way Stop Control Warrant Study conducted on Wednesday, November 6, 2019 at the intersection of Deep Dene Drive and Camor Court during the morning and afternoon peak hours of a typical week day, produced the following results:

All-Way Stop Control Warrant	A Total Approach Vehicle Volume	B Vehicle/Pedestrian Volume Crossing Major Road**	C Unit Volume Split Major/Minor Roads*
Two-Hour Study Period Hourly Average	125	29	79/21
Warrant Requirements For Study Period Average For Local Roads	≥ 250	≥ 100	≥ 30/70 or ≤ 70/30

* "Unit Volume Split": Major Road Volume - Vehicles only.
Minor Road Volume - Vehicles plus pedestrians crossing the major road.

** This study has been evaluated using the updated warrant calculations as adopted by City Council on July 16, 17 and 18, 2019 in the Vision Zero 2.0 Road Safety Plan (Item IE6.8). As per the updated All-way Stop Control Warrant criteria, a factor of 2 was applied to the pedestrian volumes crossing the major road.

For all-way stop control to be numerically justified, the traffic volume requirements for the "Study Period Average" must be completely satisfied in Categories A and C, or Categories B and C.

The results of our study indicated that the technical warrants for the installation of all-way stop control are not met.

A review of the Toronto Police Service collision records revealed there were no reported collisions at this intersection for the three-year period ending December 31, 2018.

Alternate Recommendations

If, despite the findings above, the Scarborough Community Council determines that all-way stop control would be beneficial, it may approve the following as to form:

1. Scarborough Community Council authorize all-way compulsory stop control at the intersection of Deep Dene Drive and Camor Court.

The cost of installing the stop control would be approximately \$10,000.00 including the implementation of required civil work. Funding is available in the Transportation Services Division's 2020 Operating Budget.

The Ward Councillor has been advised of the recommendation of this staff report.

CONTACT

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SIGNATURE

Roger Browne, M.A.Sc., P.Eng.,
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ATTACHMENT

1. Drawing No. D19-9667530, dated September 2020

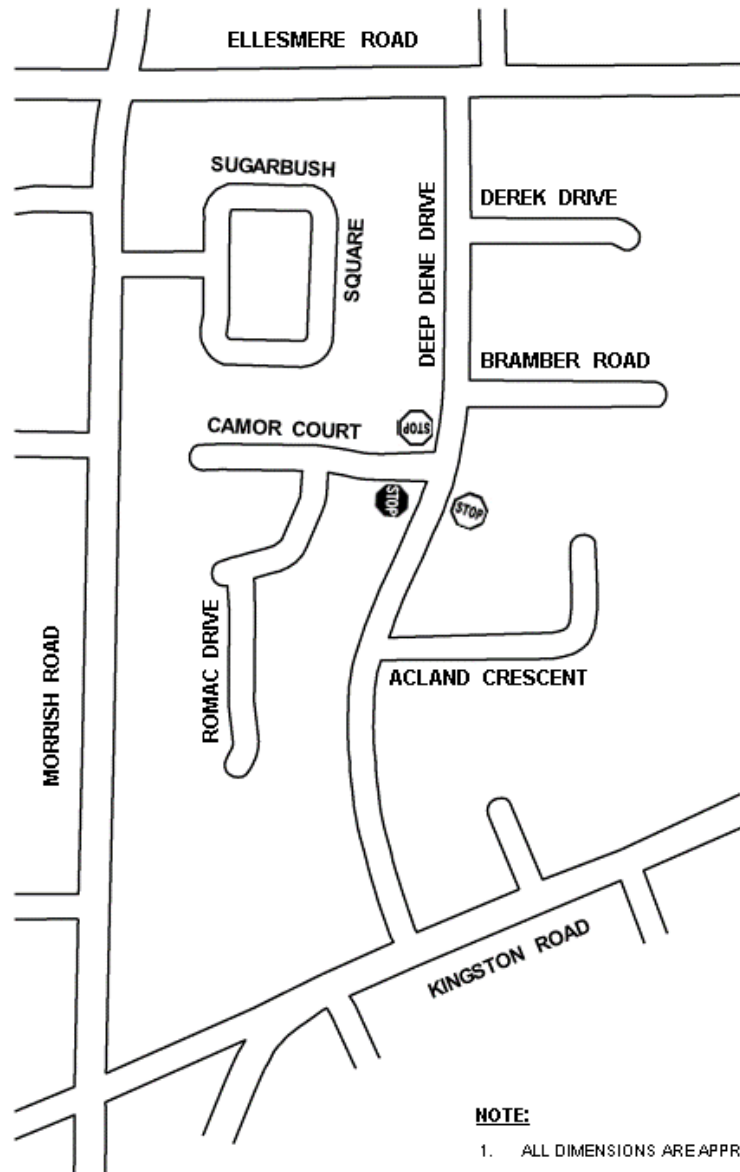
LEGEND:



EXISTING STOP SIGN



PROPOSED STOP SIGN



NOTE:

1. ALL DIMENSIONS ARE APPROXIMATE.
2. INFORMATION ON THIS PLAN IS BASED ON OFFICE RECORDS AND IS SUBJECT TO FIELD VERIFICATION.

**ALL-WAY STOP CONTROL REVIEW
DEEP DENE DRIVE AND CAMOR COURT**

DWG. NO. D19-9667530

O.K.

SEPTEMBER, 2020

TRANSPORTATION SERVICES

SCARBOROUGH DISTRICT