

All Way Stop Control - Palm Drive at Bonnacord Drive - North York Spadina

(City Council on December 14, 15 and 16, 1999, adopted this Clause, without amendment.)

The North York Community Council recommends the adoption of the following report (November 22, 1999) from the Director, Transportation Services Division, District 3:

Purpose:

To install an all way stop control at the intersection of Palm Drive and Bonnacord Drive.

Financial Implications and Impact Statement:

All costs associated with the installation of an all way stop control at the intersection of Palm Drive and Bonnacord Drive are included within the 1999 operating budget.

Recommendations:

It is recommended that Schedules XVIII and XIX of By-law No. 31001, of the former City of North York, be amended to require traffic to stop on all approaches to the intersection of Palm Drive and Bonnacord Drive.

Background:

As a result of complaints received by Councillor Michael Feldman's office, from residents of Palm Drive, the Transportation Services Division of the Works and Emergency Services Department was requested to consider the installation of traffic control measures to deal with vehicle operating speeds on Palm Drive and restricted access from the many roadways that intersect with Palm Drive.

Palm Drive is an east/west local roadway that travels between Bathurst Street and Faywood Boulevard. Traffic on Palm Drive is required to stop at Bathurst Street, Collinson Boulevard and Faywood Boulevard.

Comments:

In order to determine the existing traffic conditions on Palm Drive, twenty four hour vehicle speed and volume studies were completed at various locations along Palm Drive. Access concerns were determined by completing all way stop studies at the main intersection along Palm Drive where traffic is currently not required to stop.

The results of the vehicle speed studies concluded that the 85th percentile speed of motorists was less than 58 Km/h. As the speed limit on Palm Avenue is 50 Km/h, the recorded 85th percentile speeds are not considered excessive or correctable by Police enforcement

All way stop studies were undertaken at the intersections of Palm Drive with Bonnacord Drive and Redmount Drive. The results of the studies concluded that existing vehicle and pedestrian traffic volumes at the Palm Drive/Redmount Drive intersection were not sufficient to meet the technical warrants for the installation of all way stop control.

At the intersection of Palm Drive and Bonnacord Drive, numerous conflicts were observed between southbound left turns and eastbound through traffic. These conflicts are the result of restricted sight lines for southbound motorists, due to landscaping on private property. In addition, the majority of the pedestrians who crossed at the intersection did so without the protection of the stop controls.

While the landscaping on private property has been modified by the owner, the sight obstruction cannot be improved.

Conclusions:

The combination of the restricted sight lines and pedestrian crossing activities supports the installation of an all way stop control at the Palm Drive/Bonnacord Drive intersection. The installation would provide for increased motorist and pedestrian protection and would not negatively affect traffic operations on Palm Drive.

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