

## **Safety Enhancements - Antibes Drive (north/south segment) at Antibes Drive (eastbound one-way segment)**

**Date:** July 17, 2017

**To:** City Council

**From:** General Manager, Transportation Services

**Wards:** Ward 10 - York Centre

### **SUMMARY**

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Transportation Services reported on two previous occasions to City Council on requests for all-way stop control at Antibes Drive (north/south segment) and Antibes Drive (eastbound one-way segment). The installation of an all-way stop control was not recommended for the following reasons:

- the City Council approved numerical warrants for the installation of all-way stop sign control are not met;
- there is a short spacing to the adjacent all-way stop control to the north, at Antibes Drive (westbound one-way segment);
- the Toronto Police Service collision records did not disclose a collision pattern;
- the site observations confirmed that there are clear sight lines; and
- the presence of a offset driveway on the west side of Antibes Drive (north/south segment) would pose safety and operational concerns as it would need to be included in the all-way stop control.

In view of the above-noted concerns, staff were directed to investigate alternative measures to enhance safety at this intersection, including the installation of warning signs, pavement markings and flashing beacons and report directly to City Council.

The investigation disclosed a warning signage improvement is feasible. Additionally, there are potential pavement marking modifications that will be reviewed in more detail.

## RECOMMENDATIONS

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The General Manager, Transportation Services recommends that:

1. City Council receive this report for information.

## FINANCIAL IMPACT

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There are no financial implications resulting from the receipt of this report.

The Interim Chief Financial Officer has reviewed this report and agrees with the financial impact information.

## DECISION HISTORY

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City Council, at its meeting on November 7, 8 and 9, 2017, directed Transportation Services to work with Parks, Forestry and Recreation to assess the pedestrian flows from the Antibes Community Centre to Antibes Drive to inform the all-way stop review and to report back to North York Community Council. The Council decision can be found at: <http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2017.NY25.12>

City Council, at its meeting on April 24, 25 and 26, 2018, approved the installation of weekend parking on one side of the street in two separate sections of Antibes Drive. This parking provides on-street parking opportunities for the Antibes Community Centre. The Council decision can be found at: <http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2018.NY29.14>

City Council, at its meeting on May 22, 23 and 24, 2018, directed Transportation Services to review and report back to the June 26, 2018 meeting of City Council on various safety crossing options including pavement markings, warning signage and flashing beacons. The Council decision can be found at: <http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2018.NY30.9>

## COMMENTS

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### Background

Transportation Services previously reported twice to City Council on the installation of all-way stop control at Antibes Drive (north/south segment) and Antibes Drive (eastbound one-way segment). This installation was not recommended, as the warrants were not met, there was an existing all-way stop sign control in close proximity, the police records did not disclose a collision pattern and there were clear sight lines. A follow-up review also disclosed that an offset driveway on the west side of the street

would need to be included in the all-way stop control, introducing safety and operational concerns.

Transportation Services staff were directed to review and report directly back to City Council on alternative measures to enhance pedestrian safety at this intersection, including the installation of warning signs, pavement markings, flashing beacons and other measures.

## **Recommended Changes**

Transportation Services review at Antibes Drive (north/south segment) and Antibes Drive (eastbound one-way segment) disclosed the following safety enhancements are feasible and will be provided:

- a sign for northbound motorists on Antibes Drive (north/south segment), giving motorists advance warning of the potential for pedestrians crossing; and
- a further review of the feasibility of narrowing the lanes on Antibes Drive (north/south segment) with pavement markings to encourage slower operating speeds.

## **Alternatives Considered**

### **Signage**

A regulatory sign (white/black) would only be installed at the subject intersection with a controlled crossing. Accordingly, Transportation Services reviewed the feasibility of enhancing this intersection with warning signs (yellow/black). The only installation that would be appropriate at this intersection would be a sign for northbound motorists on Antibes Drive (north/south segment), giving motorists advance warning of the potential for pedestrians crossing at Antibes Drive (eastbound one-way segment). Arrangements have been made for this sign to be installed as soon as Transportation Services' schedule permits.

Any other signage may diminish from the effectiveness of the existing all-way stop sign control to the north. This all-way stop is where it is most desirable for pedestrians cross Antibes Drive (north/south segment) and there is where the greatest emphasis should be placed.

### **Pavement Markings**

At the intersection of Antibes Drive (north/south segment) and Antibes Drive (eastbound one-way segment), the only pavement markings provided are located on the east intersection leg. On this leg, there are north-south pedestrian crossing lines provided which have been enhanced with zebra markings. This installation was undertaken in September 2017 to address pedestrian safety concerns.

East-west crossing lines would only be provided if the crossing was controlled and the pedestrians had the right-of-way over motorists. As noted in the previous studies, a controlled crossing is not recommended at this location for safety and operational reasons.

The current pavement width of Antibes Drive (north/south segment) is approximately 8.5 metres, providing a single wide lane in each direction. Accordingly, it may be feasible to narrow these lanes with pavement markings to encourage slower operating speeds. These lane narrowings could be supported by the installation of concrete planters on the street's surface. Transportation Services will investigate the feasibility of this option in more detail and follow-up directly with Councillor Pasternak.

### **Flashing Beacons**

As noted, the uncontrolled intersection of Antibes Drive (north/south segment) and Antibes Drive (eastbound one-way segment) is in close proximity to the all-way stop controlled intersection of Antibes Drive (north/south segment) and Antibes Drive (westbound one-way segment). If an amber flashing beacon were to be installed at the former intersection, it may diminish motorists' awareness of the all-way stop sign control at the latter intersection. Therefore, the installation of a flashing beacon is not supported.

### **Other Options**

City Council recently approved the installation of parking on the west side of Antibes Drive (north/south segment), south of Antibes Drive (eastbound one-way segment), during the weekend periods (Item NY29.14). The signage installation of these parking regulations is pending. The presence of parked vehicles on the street results in the travelled portion being narrowed from approximately 8.5 metres to 6.3 metres, encouraging slower operating speeds. Transportation Services could support this parking operation being expanded to all time periods to be effect reduced lane widths at all times of the day. These changes would require community consultation and the approval of City Council.

### **Follow-up Review**

As noted in supplementary report to the May 2, 2018 meeting of North York Community Council, Transportation Services is committed to monitoring the safety in this area and will reassess the situation in one year to determine if the warrant criteria for an all-way stop control will change.

## **CONTACT**

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Peter Hillier  
Acting Director  
North York District  
Transportation Services  
Telephone: (416) 395-7480  
E-mail: [Peter.Hillier@toronto.ca](mailto:Peter.Hillier@toronto.ca)

## **SIGNATURE**

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Barbara Gray  
General Manager, Transportation Services

## **ATTACHMENTS**

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Attachment 1: Antibes Drive (North/South Segment) at Antibes Drive (Eastbound One-Way Segment) - Pedestrian Crossing Signage

Attachment 2: Map - Antibes Drive (North/South Segment) at Antibes Drive (Eastbound One-Way Segment)