

**6. ALL WAY STOP CONTROL AT THE INTERSECTION OF PRESTONE DRIVE  
AND DEAVY WAY**

**PANNEAUX D'ARRÊT TOUTES DIRECTIONS À L'INTERSECTION DE LA  
PROMENADE PRESTONE ET DE LA VOIE DEAVY**

**COMMITTEE RECOMMENDATION**

**That Council approve the installation of an all-way stop control at the  
intersection of Prestone Drive and Deavy Way.**

**RECOMMANDATION DU COMITÉ**

**Que le Conseil municipal approuve l'installation de panneaux d'arrêt toutes  
directions à l'intersection de la promenade Prestone et de la voie Deavy.**

**DOCUMENTATION / DOCUMENTATION**

1. Councillor B. Monette, report dated 25 May 2017 (ACS2017-CCS-TRC-0007)

Rapport du conseiller B. Monette, daté le 25 mai 2017 (ACS2017-CCS-TRC-0007)

**Report to**  
**Rapport au:**

**Transportation Committee**  
**Comité des transports**  
**7 June 2017 / 7 juin 2017**

**and Council**  
**et au Conseil**  
**14 June 2017 / 14 juin 2017**

**Submitted on May 25, 2017**  
**Soumis le 25 mai 2017**

**Submitted by**  
**Soumis par:**  
**Councillor / Conseiller Bob Monette**

**Contact Person**  
**Personne ressource:**  
**Councillor / Conseiller Bob Monette**  
**613-580-2471, *Bob.Monette@ottawa.ca***

**Ward: ORLÉANS (1)**

**File Number: ACS2017-CCS-TRC-0007**

**SUBJECT: All Way Stop Control at the intersection of Prestone Drive and Deavy Way**

**OBJET: Panneaux d'arrêt toutes directions à l'intersection de la promenade Prestone et de la voie Deavy**

## **REPORT RECOMMENDATIONS**

**That the Transportation Committee recommend that Council approve the installation of an all-way stop control at the intersection of Prestone Drive and Deavy Way.**

## **RECOMMANDATIONS DU RAPPORT**

**Que le Comité des transports recommande au Conseil municipal d'approuver l'installation de panneaux d'arrêt toutes directions à l'intersection de la promenade Prestone et de la voie Deavy.**

## **BACKGROUND**

Residents on Deavy Way have expressed concerns to the Ward Councillor that exiting from Deavy Way is challenging given that Deavy Way is located on a curved section of Prestone Drive. They believe that the sight lines are limited in terms of being able to see vehicles approaching from the south when vehicles are parked in driveways south of the intersection and in the winter when snowbanks block views. Residents requested that stop signs be installed to help facilitate the exiting movement from Deavy Way.

## **DISCUSSION**

The Prestone Drive and Deavy Way intersection is currently operating with stop controls on the Deavy Way approach to Prestone Drive only. This configuration is typical at most three-way intersections – free flow movement for the major volume street with a stop control placed on the minor volume intersecting street. The existing configuration is appropriate at this time.

Traffic Services staff have completed a review of the Prestone Drive and Deavy Way intersection for the installation of AWSC and staff have concluded that the intersection does not meet the warrant criteria. Despite the findings of the review, residents in the area are of the opinion that an all-way stop control should be installed at this location to enhance the safety of the area.

## **RURAL IMPLICATIONS**

There are no rural implications associated with this report or its recommendations.

## **CONSULTATION**

### **Transportation Services Comment:**

Traffic Services reviews all requests for the installation of all-way stop controls (AWSC) in a consistent manner. AWSC are only installed when the staff review confirms that such a measure is warranted by meeting specific criteria. The city's AWSC Warrant

Criteria is based on past practices of former municipalities and aligns with the Ontario Traffic Manual.

The Warrant Criteria considers:

- Vehicular and pedestrian volume based on specific requirements for various roadway classifications in both urban and rural areas;
- Collision data over the last 3 years; and,
- Intersection visibility restrictions.

AWSC are installed when the required volume criteria is met, or when 3 or more intersection collisions considered preventable by AWSC have occurred over the last 3 years or when there is restricted visibility at the intersection.

Traffic Services staff have completed a review of the Prestone Drive at Deavy Way intersection for the installation of all-way stop control (AWSC). Staff have concluded that the intersection does not meet the AWSC warrant criteria as a result of:

- low traffic volumes as supported by a January 2016 traffic count (intersection only meets 8% of the volume criteria);
- the absence of reported collisions in the past three years which suggests that the intersection operates in a safe manner with the current side street only stop control; and,
- sufficient sightlines. Traffic Services staff completed a field investigation on May 12, 2017 and on May 26, 2017 of the sightlines, and conclude that the available sight lines from the 'final' stop position are within the accepted engineering standards. This review was completed with a vehicle parking legally on the driveway of 1453 Prestone Drive, which would be considered the worst case scenario.

Staff acknowledge that the ability for motorists exiting Deavy Way to see vehicles travelling northbound on Prestone Drive may present a challenge for them when a vehicle is parked in either of the two driveways south of the intersection or in the winter when snow banks are present, however, based on engineering standards and guidelines, the minimum sight distances are met.

It is staff's experience that the implementation of an unwarranted AWSC at the intersection of Prestone Drive at Deavy Way may result in:

- A very low compliance for stopping in the northbound and southbound directions since these vehicles travelling on Prestone Drive will rarely encounter a vehicle coming from Deavy Way;
- A potential to increase the collisions at this intersection due to the likely low compliance of stopping in the north and southbound directions on Prestone Way; and,
- The creation of a false sense of security for pedestrians crossing Prestone Drive and for drivers of vehicles exiting the intersections from Deavy Way.

It should also be noted that the intersection spacing of 140 m between the Tompkins Avenue and Prestone Drive intersection and the Deavy Way and Prestone Drive intersection is below the Ontario Traffic Manual Book 5 (regulatory signs) guidelines of not placing an AWSC within 250 m of another intersection with AWSC.

Should an AWSC be implemented at this location, considerable police enforcement may be required on an on-going basis to address issues with stop compliance of drivers traveling northbound and southbound on Prestone Drive.

Staff estimate that the cost to implement an AWSC at the intersection of Prestone Drive and Deavy Way will be approximately \$1,600 for the installation of the required regulatory signs, warning signs and pavement markings.

The cost for implementation can be accommodated within the existing Traffic Services operating budget.

### **COMMENTS BY THE WARD COUNCILLOR**

The sight lines at the intersection of Prestone and Deavy Way have been an ongoing issue for the residents of the area for a number of years. To highlight, I am providing two photos from the intersection in question: one which shows the view from Deavy Way looking South onto Prestone and one showing the view from Prestone looking Northbound towards Deavy Way. As you can clearly see, there is a major obstructed view in both directions. I am also enclosing the view of the Queenswood Heights Community Association on this proposal, which was sent to me in writing, as they are in full support of an all-way stop at this location.

As the Councillor representing this area, I fully support the residents of the area's request for an all-way stop sign at this location as this intersection has obvious sight line issues that cannot be resolved in any other matter.

**ADVISORY COMMITTEE(S) COMMENTS**

This has not been considered by Advisory Committees.

**LEGAL IMPLICATIONS**

There are no legal impediments to approving the recommendation in this report.

**RISK MANAGEMENT IMPLICATIONS**

There are no risk management implications associated to this report.

**FINANCIAL IMPLICATIONS**

There are no financial implications associated with the recommendations of this report. The estimated cost can be funded within the existing Traffic Services operating budget.

**ACCESSIBILITY IMPACTS**

There are no accessibility impacts associated with the recommendations of this report.

**TERM OF COUNCIL PRIORITIES**

The recommendation of this report aligns to the 2015-2018 Strategic Priority – Transportation and Mobility, specifically Strategic Objective TM4 – Improve safety for all road users.

**SUPPORTING DOCUMENTATION**

Document 1 – Photographs of the intersection of Prestone Drive and Deavy Way

Document 2 – Correspondence dated 24 May 2017 from the President, Queenswood Heights Community Association

**DISPOSITION**

The Transportation Services Department will take appropriate action based on the recommendations made by the Committee and Council.

Document 1







Document 2

**From:** Emilie Anne Duval  
**Sent:** Wednesday, May 24, 2017 12:03 PM  
**To:** Monette, Bob  
**Cc:** Morgan, Cynthia; Landry, Lechelle  
**Subject:** Stop at Prestone/ Deavy

Dear Deputy Mayor,

In my capacity of President of the Queenswood Heights Community Association, I would like to add my support for the installation of a stop sign at the corner of Prestone and Deavy. This will no doubt make the area safer and help ensure the well being of our residents of all ages.

Thank you!

**Émilie Anne Duval**  
President / Présidente  
Queenswood Heights Community Association  
Association Communautaire de Queenswood Height  
[www.queenswoodheights.ca](http://www.queenswoodheights.ca)