




TO: GENERAL COMMITTEE


SUBJECT: ALL-WAY STOP – PRINGLE DRIVE AND SPROULE DRIVE

WARD: WARD 5

PREPARED BY AND KEY CONTACT: J. MACDONALD, C.E.T.
TRANSPORTATION TECHNOLOGIST (EXT. 5178) 

SUBMITTED BY: D. FRIARY
DIRECTOR OF ROADS, PARKS AND FLEET 

GENERAL MANAGER APPROVAL: R. J. FORWARD, MBA, M.Sc., P. Eng.
GENERAL MANAGER OF INFRASTRUCTURE & GROWTH MANAGEMENT 

CHIEF ADMINISTRATIVE OFFICER APPROVAL: C. LADD,
CHIEF ADMINISTRATIVE OFFICER 

RECOMMENDED MOTION

1. That Traffic By-law 80-138 Schedule "S" "Providing for the Erection of Stop Signs at Intersections" be amended by adding the following:

"Pringle Drive and
Sproule Drive

Northbound and Southbound on Pringle Drive and
Eastbound and Westbound on Sproule Drive"

PURPOSE & BACKGROUND

2. Staff received direction to review the feasibility of implementing an All-Way Stop at the intersection of Pringle Drive and Sproule Drive.
3. Pringle Drive is a two (2) lane local roadway with a sidewalk on the east side, with a traffic volume of less than 1,200 vehicles per day and a pavement width of 8.5 metres. Please refer to Appendix "A".
4. Sproule Drive is a two (2) lane collector roadway with sidewalks on both the north and south sides, with a daily volume of less than 1500 vehicles per day and a pavement width of 11.0 metres. Please refer to Appendix "A".
5. The future extension of Sproule Drive to Ferndale Drive is anticipated to increase traffic volumes and significantly impact traffic operations at the intersection of Sproule Drive and Pringle Drive.

ANALYSIS

6. In 2011 staff reviewed the intersection of Sproule Drive and Pringle Drive using the warrant criteria within the Ontario Traffic Manual (OTM) Book 5 – Regulatory Signs and determined that an All-Way Stop was not warranted based on the existing criteria. An All-Way Stop Survey was prepared and mailed to 89 property owners on Sproule Drive and Pringle Drive in 2011. Results of the All-Way Stop Survey showed 88% of residents in favour of an All-Way Stop at the intersection of Sproule Drive and Pringle Drive if the warrant criteria were satisfied.

7. As part of this most recent request, staff took into consideration the historical review but also considered the upcoming connection of Sproule Drive to Ferndale Drive. This extension of Sproule Drive will have significant impacts to the traffic patterns and volumes in the area and would satisfy the All-Way Stop warrant criteria at the intersection of Sproule Drive and Pringle Drive.
8. After review of the future extension of Sproule Drive, future change in traffic patterns to satisfy the warrant criteria, historical counts, and existing resident support for an All-Way Stop, staff recommend an All-Way Stop be installed.
9. Staff recommend that Traffic By-law 80-138 Schedule "S" "Providing for the Erection of Stop Signs at Intersections" be amended by adding the following:

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Northbound and Southbound on Pringle Drive and
Eastbound and Westbound on Sproule Drive"

ENVIRONMENTAL MATTERS

10. There are no environmental matters related to the recommendation.

ALTERNATIVES

11. There is one alternative available for consideration by General Committee:

Alternative #1

General Committee could decide not to install the All-Way stop at Pringle Drive and Sproule Drive.

This alternative is not recommended as the future extension of Sproule Drive with the future change in traffic patterns will satisfy the warrant criteria, and existing residents support for an All-Way Stop.

FINANCIAL

12. There are no costs associated with the recommended motion.

LINKAGE TO COUNCIL STRATEGIC PRIORITIES

13. The recommendations included in this Staff Report are not specifically related to the goals identified in the 2010-2014 City Council Strategic Plan.

APPENDIX "A"

