
TO: GENERAL COMMITTEE

SUBJECT: STOP SIGN ON GRAY LANE AT TYNDALE ROAD

WARD: WARD 8

PREPARED BY AND KEY CONTACT: J. SHARP, C.E.T.
SENIOR TRANSPORTATION TECHNOLOGIST (EXT. 4304)

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:

Column 1

Column 2

Gray Lane and Tyndale Road

Eastbound on Gray Lane and Tyndale Road

PURPOSE & BACKGROUND

2. Staff received a request from an area resident to investigate the feasibility of installing a Stop sign for eastbound traffic on Gray Lane at Tyndale Road. This request is based on existing traffic control causing safety and operational concerns for pedestrians and motorists using the intersection.
3. Gray Lane is a two (2) lane local residential roadway traveling from east to west with a posted speed limit of 50 km/hr. The traffic volume on the roadway is less than 500 vehicles per day and there are no sidewalks on Gray Lane. Please refer to Appendix "A".
4. Gray Lane at Tyndale Road is a T-intersection controlled by a single Stop sign for westbound traffic on Gray Lane. The south/west corner has a residential home with raised landscaping on its front yard which reduces sight lines at this corner.
5. Tyndale Road is a two (2) lane local residential roadway going from north to south with a posted speed limit of 50km/h. The traffic volume on the roadway is less than 500 vehicles per day and there are no sidewalks on Tyndale Road.

ANALYSIS

6. Staff have conducted an onsite observation which confirms that there is no clearly defined right-of-way at the intersection of Gray Lane and Tyndale Road with only one Stop sign for westbound traffic on Gray Lane. The absence of clearly defined right-of-way may create a safety concern for vehicles and pedestrians at this junction.

7. On the south/west corner of the intersection there is raised landscaping area that is significantly reducing sight lines and creates a safety concern for eastbound traffic on Gray Lane as well as northbound traffic on Tyndale Road.
8. The absence of sidewalks and obscured sight lines may create a safety hazard for pedestrians crossing at the intersection.
9. Staff recommend the installation of an additional Stop sign for eastbound traffic as it will clearly establish right-of-way for both vehicles and pedestrians and greatly reduce the potential for collisions.
10. That Traffic By-law 80-138 Schedule "S" "Providing For The Erection of Stop Signs At Intersections" be amended by adding the following:

Column 1	Column 2
Gray Lane and Tyndale Road	Eastbound on Gray Lane and Tyndale Road
11. Barrie Police Service supports Staff's recommendation to install a Stop sign for eastbound traffic on Gray Lane and Tyndale Road.

ENVIRONMENTAL MATTERS

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

ALTERNATIVES

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

Alternative #1 General Committee could decide not to install a Stop sign for eastbound bound vehicles on Gray Lane at Tyndale Road.

This alternative is not recommended due to the reduced sight distance and absence of clear right-of-way control.

FINANCIAL

14. The cost to implement the Stop sign is approximately \$200.00 which can be accommodated in the 2016 Operating Budget

LINKAGE TO COUNCIL STRATEGIC PRIORITIES

15. The recommendation included in this Staff Report is specifically related to goals identified in the 2014-2018 Strategic Plan.
 - Improved Road Safety
16. The proposed recommendation will reduce the potential of vehicle and pedestrian conflicts at this location. This will improve road safety by improving the operation of the right of way control at the intersection.

APPENDIX "A"

