

Traffic Control – Meadowgreen Drive and Fox Ridge Drive

Presented To:	Operations Committee
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Type:	Routine Management Reports
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Recommended by:	General Manager of Growth and Infrastructure

Report Summary

This report provides a recommendation regarding traffic control at the intersection of Meadowgreen Drive and Fox Ridge Drive.

Resolution

THAT the City of Greater Sudbury controls the intersection of Meadowgreen Drive and Fox Ridge Drive with a yield sign facing eastbound traffic on Meadowgreen Drive;

AND THAT the City of Greater Sudbury directs staff to prepare a by-law to amend Traffic and Parking By-Law 2010-1 in the City of Greater Sudbury to implement the recommended changes outlined in the report entitled “Traffic Control – Meadowgreen Drive and Fox Ridge Drive”, from the General Manager of Growth and Infrastructure, presented at the Operations Committee meeting on December 16, 2024.

Relationship to the Strategic Plan, Health Impact Assessment and Climate Action Plans

This report refers to operational matters.

Financial Implications

Recommendations of this report may be carried out within the existing approved operating budget and staffing resources.

Background

As part of the ongoing development of the Foxborough Subdivision, the City has assumed Meadowgreen Drive and Fox Ridge Drive as public roads shown in Figure 1 below. The assumption of these roads has created a new “T” intersection which requires traffic control. Fox Ridge Drive currently ends south of Meadowgreen Drive, however there are future plans for the continuation of the development.



Figure 1: Intersection of Meadowgreen Drive and Fox Ridge Drive

The standard form of traffic control at a “T” intersection is to have a yield sign facing incoming traffic on the intersecting road. According to Book 5 of the Ontario Traffic Manual, a yield sign is appropriate when traffic volumes are low, sight lines are good, and stopping is not always required. All of these conditions are met at this intersection.



Figure 2: Intersection of Meadowgreen Drive and Fox Ridge Drive

Next Steps

To implement a standard form of traffic control at the newly created intersection, it is recommended that traffic be controlled with yield sign facing eastbound traffic on Meadowgreen Drive.

Resources Cited

Ontario Traffic Manual Book 5, Ministry of Transportation, 2021. Accessed Online:

<https://www.library.mto.gov.on.ca/SydneyPLUS/Sydney/Portal/default.aspx?component=AAAAIY&record=d5777174-8f0a-4720-8dd6-476b859b3682>