



Staff Report PW2023-025

Title of Report: PW2023-025 Melancthon Southgate Townline Stop Sign Recommendation
Department: Public Works
Branch: Transportation & Public Safety
Council Date: June 7, 2023

Recommendation:

Be it resolved that Council receive Staff Report PW2023-025 for information; and **That** Council consider approval of By-law 2023-052 to install a stop sign on the Melancthon / Southgate Townline as recommended.

Background:

A resident inquiry regarding speed of vehicles and safety concerns at the Melancthon/Southgate Townline intersecting Melancthon 4th Line SW and Southgate Sideroad 71 location, was received by Melancthon and subsequently discussed with Southgate staff, as being a boundary road. The request was for installing stop signs on Melancthon 4th Line SW and Southgate Sideroad 71, northbound and southbound traffic.

Staff Comments:

Southgate staff attended the site location and responded back to Melancthon on March 7, 2023 with the following; typically, with this request, we gather some data using our traffic /speed counters, assessing volumes and speeds. The data always captures a few extreme speeders. Some of the additional considerations include collision history, and the type of traffic that is using the road. We would also review if the sign request for north/southbound on SDR71 - 4th line SW is both ways.

There is no stop sign on the SDR 240 – Townline short distance of unopened road access to the southeast property driveway currently. Staff would support this install.

There is no benefit of stopping traffic flow north and south, currently, and the data does not support it. If we chose to install stop signs where it is not supported by data, we would get requests to do it at every intersection.

Going forward, we could install our traffic counters to gather some data as soon as spring breaks along there and make a decision with information supported.

Southgate staff had traffic counters set up 200 metres north of the Melancthon / Southgate Townline, 4th Line SW - SDR 71 – road section from Friday May 5 to

Friday May 12, 2023. For comparison we also set up the same timeframe on Southgate SDR 71 north of Grey Road 9.

Traffic counts show busiest times for Townline section as 4-5pm and for 71 north of Grey 9 from 11am to 12:00 noon. The weekly period saw a total of 745 vehicles on the Townline section and SDR 71 north of Grey 9, 3,079 vehicles. On average 106 vehicles/day on Townline section.

Truck traffic in Daily Classes in Classes 8, 9 & 10- 4 to 6 axel tractor trailers, on the Melancthon section were minimal at 1 or 2 trucks. SDR 71 north of Grey 9 shows more heavy truck traffic averaging 10 trucks /day.

Speed for Melancthon section indicates 38 % above 80km/hr, high miler 140-150 km/hr, in comparison 71 north of Grey 9 - 67% above 80km/hr, high miler 140-150 km/hr. As previously stated, there are always a few excessive speeders in all traffic counts we do, therefore this is not surprising.

The Mean exceeding 80 km/hr for Melancthon section is at 110 km/hr interestingly SDR 71 north of 9 is 94 km/hr. Melancthon Mean speed is 80 km/hr right on posted speed, SDR 71 north is 85 km/hr.

The traffic data for Melancthon 4th Line SW – Southgate SDR 71 concludes a low volume road, minimal truck traffic, speeds at a lower rate above 80km/hr and with no indication of accident history at this location.

The Melancthon 240 SDR / Southgate Townline to the east of the Melancthon 4th Line SW - SDR 71 is an unopen road allowance. Southgate SDR 71 is a surface treatment hardtop road turning into gravel just south of the intersection.

There is a slight uphill elevation to the south of this intersection on the Melancthon 4th Line SW but is not impeding the visibility of sight of oncoming vehicles.

Melancthon and Southgate staff met onsite on Wednesday May 24, 2023 and concluded that there was no requirement at this time to installing stop signs on Melancthon 4th Line SW and Southgate Sideroad 71, for northbound and southbound traffic.

Staff recommend that a stop sign be installed on the Melancthon / Southgate Townline, east of the Melancthon 4th Line SW - SDR 71 intersection. This sign would be installed in Southgate and does not require a Melancthon by-law to support the recommendation. (Attachment #1)

Financial Implications:

This stop sign installation would be funded from the current Operating Budget with an estimated cost at \$150.00.

Communications & Community Action Plan Impact:

Goal 5 - Upgrading our "Hard Services"

Action 5:

The residents and businesses of Southgate recognize our linear services - roads, bridges, water and sewer works, for example - to be a fundamental purpose of municipal government. This infrastructure needs to be serviceable and sustainable so that our businesses and communities can thrive and grow.

Concluding Comments:

Staff recommends that Council receive Staff Report PW2023-025 for information, and that Council consider passing the intersection stop sign installation recommendation by By-law No. 2023-052

Respectfully Submitted,

Dept. Head: *Original Signed By*
Jim Ellis, Public Works Manager

CAO Approval: *Original Signed By*
Dina Lundy, CAO

Attachments:

Attachment #1 – Intersection mapping