

Report to Council

Report Title: Durham Street Intersection

Prepared By: Gregory Furtney, Director of Operations

Department: Public Works

Date: August 13, 2019

Report Number: PW2019-32 **File Number:** C11PW

Attachments: None.

Recommendation:

That the Council of the Municipality of Brockton hereby receives Report Number PW2019-32 – Durham Street Intersection, prepared by Gregory Furtney, Director of Operations for information purposes.

Report:

Background:

Durham Street (Walkerton) is a Bruce County owned and maintained roadway which includes the Durham Street Bridge. McNab Street is a municipally owned and maintained roadway. The Saugeen River Trail is a municipal trail that is owned and maintained by the Municipality of Brockton in partnership with the Rotary Club of Walkerton.

Residents of Brockton, along with Council Members, have commented on how busy the road is at the Durham Street and McNab Street intersection. The Saugeen River Trail passes over Durham Road at the Durham Street Bridge. Public safety is a concern for both Council Members and staff of the Municipality of Brockton.

Analysis:

Municipal Staff have reached out to the local Ontario Provincial Police (OPP) detachment to see what statistics are available for that intersection (Durham and McNab). Statistical reports indicate that the area averages 1.4 Motor Vehicle Collisions (MVC) and 1.4 Traffic Complaints per year. Nonetheless, traffic volume through that intersection can be significant. Saugeen River Trail pedestrian traffic at the bridge is always busy as well, especially during school lunch time hours.

Municipal Staff have met with Bruce County staff and have voiced Council's concerns. In response to Council's concerns, Bruce County staff have planned a pedestrian study of the area, including the trail, and have advised that they will be installing Artificial Intelligence (AI) cameras in the area to capture some preliminary data. A comprehensive "Traffic Study" has not yet been scoped, but Bruce County staff are willing to discuss this, after

their preliminary work has been completed and a summary report written. As this was not in Bruce County’s Operating Budget, they also have to work within their budget cycle. The Municipality may have to share in the costs associated with the project at which time we can lessen or maximize the scope based on other traffic and parking concerns along Durham Street.

For interest sake, the Institute of Traffic Engineers defines a traffic study as a detailed examination and analysis of a transportation system supported by data collection. The process starts with the identification and definition of a transportation problem, followed by data collection and analysis.

The following are some conditions that may warrant conducting a traffic study:

- When a new development is proposed and it will generate substantial new traffic;
- When financial assessments are implemented (transportation impact fees);
- When a major roadway improvement or reconstruction project is proposed;
- When existing transportation problems are evident, such as a high crash location or at a location with complex roadway geometrics;

Traffic Studies can last for a week up to 6 months and the costs vary depending on the scope of the project, they are typically quite expensive.

The County has initiated the initial steps towards analyzing traffic concerns at this location.

Sustainability Checklist:


What aspect of the Brockton Sustainable Strategic Plan does the content/recommendations in this report help advance?

- | | |
|---|-----|
| • Do the recommendations help move the Municipality closer to its Vision? | N/A |
| • Do the recommendations contribute to achieving Cultural Vibrancy? | N/A |
| • Do the recommendations contribute to achieving Economic Prosperity? | N/A |
| • Do the recommendations contribute to Environmental Integrity? | N/A |
| • Do the recommendations contribute to the Social Equity? | N/A |

Financial Impacts/Source of Funding:

- Do the recommendations represent a sound financial investment from a sustainability perspective?
N/A

Reviewed By:



Trish Serratore, Chief Financial Officer

Respectfully Submitted by:

A handwritten signature in blue ink, appearing to read "Gregory Furtney". The signature is stylized with a large, looped "G" and a long, sweeping underline.

Gregory Furtney, Director of Operations

Reviewed By:

A handwritten signature in black ink, appearing to read "Sonya Watson". The signature is written in a cursive style with a long, flowing underline.

Sonya Watson, Chief Administrative Officer