

Report to Council

Report Title: Chepstow and Cargill Traffic Update
Prepared By: Nicholas Schnurr, Director of Operations
Department: Operations – Public Works
Date: September 9, 2025
Report Number: PW2025-12 **File Number:** C110P

Attachments:

Recommendation:

That the Council of the Municipality of Brockton hereby receives Report Number PW2025-12 - Chepstow and Cargill Traffic Update, prepared by Nicholas Schnurr, Director of Operations for information purposes.

Report:

Background:

This report is presented to Council as ongoing traffic speed monitoring in Chepstow and Cargill. Every so often, traffic speed data is collected in the hamlets of Chepstow and Cargill and presented to council for information purposes. To date, the speeding hasn't been of serious concern but is slightly higher than the actual posted speed limit. Council has previously considered automated speed enforcement through a motion, which was defeated at the June 24, 2025, meeting. Deputy Mayor Kym Hutcheon asked that staff bring back new speed data for information.

Analysis:

When looking at speed data, it is important to consider the 85th percentile. The 85th percentile speed is the operating speed at or below which 85 percent of drivers are traveling under free-flowing conditions. In traffic calming, this metric is used by traffic engineers to gauge when a street's design encourages speeds that are unsafe for the given environment, such as a residential area. If the 85th percentile speed significantly exceeds the posted speed limit, it indicates that a change in road design or the introduction of traffic calming measures may be needed to reduce operating speeds. The acceptable tolerance generally used is 10 km/h. This can go as high as 15 km/h, but 10 is the basic guideline used by traffic calming specialists. If the 85th percentile speed is within 10 km/h of the posted speed limit, then no calming measures are justified.

Location	85 th percentile (both directions)	Average Daily Traffic Count
Chepstow	57	942
Cargill	59	775

Speed data was taken in Chepstow and Cargill multiple times with similar results. On a practical note, both locations indicated a very low enforcement rating. In Chepstow, which had the higher traffic count, it resulted in less than 10% of vehicles travelling beyond the tolerance of 10 km/h over the posted speed limit. Most of the infractions above the tolerance level were travelling between 61 and 65 km/h. As a follow up to a previous staff report, this does not equate to a high volume of high dollar value fines, if automated speed enforcement were ever to be considered in the future.

There are no recommendations from staff, as the 85th percentile speeds are within acceptable tolerances. We bring this to Council's attention for information purposes only.

Strategic Action Plan Checklist:

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

- Recommendations help move the Municipality closer to its Vision Yes
- Recommendations contribute to achieving Heritage, Culture, and Community N/A
- Recommendations contribute to achieving Quality of Life N/A
- Recommendations contribute to achieving Land Use Planning and the Natural Environment N/A
- Recommendations contribute to achieving Economic Development N/A
- Recommendations contribute to achieving Municipal Governance Yes

Financial Impacts/Source of Funding:

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

There are no budget implications associated with this information report.

Reviewed By:



Trish Serratore, Chief Financial Officer

Respectfully Submitted by:



Nicholas Schnurr, Director of Operations

Reviewed By:



Sonya Watson, Chief Administrative Officer