



Staff Report to Council

Report From: Don Giberson, Infrastructure & Development General Manager

Meeting Date: October 7 2024

Report: TSD- 13-2024
Potential Pedestrian Crossover on Main Street, near Downtown Exeter Parkette

Recommendation

That South Huron Council receive Staff Report TSD-13-2024 Potential Pedestrian Crossover on Main Street, near Downtown Exeter Parkette.

Report Overview

Purpose of Report	For Information
Council Priority Alignment	Community Safety and Well-Being Infrastructure Investment/Asset Management Plan
Consultations	Shane Timmermans, Transportation Services Manager
Attachment(s) to Report	None

Report Highlights

- Main Street is a Provincial Highway and although there is a Connecting Link Agreement that gives the Municipality jurisdiction over certain aspects of the roadway, a Pedestrian Crossover is required to meet Ministry of Transportation approval.

- The feasibility of a Pedestrian Crossover (PXO) on Main Street, between John Street and James Street was investigated and found to meet the technical requirements of the Ministry of Transportation (MTO).

Context and Background

At the January 15, 2024 Council Meeting the following Notice of Motion from the December 18, 2023 Meeting was passed as Motion 527-2023:

Whereas Community Safety and Well-being has been identified by Council as a Priority; and

Whereas Community Security has been identified as a priority area for action for all residents of all of South Huron and our visitors in our Community Safety and Wellbeing plan; and

Whereas the use of regulatory signs, flashing beacons and pavement markings at crossovers help reduce risk of serious injuries on municipal roads; and

Whereas pedestrian crossovers not only improve the safety of pedestrian connections but also increase active transportation mobility; and

Whereas Economic development is recognized as an important aspect for growth in our urban core; and

Whereas accessibility is an important part of the ability for all residents to access services, to enjoy their community safely and to move about in a safe and secure way.

Therefore, be it resolved that Council endorse a recommendation for staff to investigate the cost and feasibility of the installation of a pedestrian crossover such as a PXO – Level 2: Type C Pedestrian Crossover at or near the “bump out” on Main Street South in the community of Exeter.

Accordingly, Staff retained the services of BM Ross Engineers to investigate the feasibility of the installation of a pedestrian crossover on Main Street between John and James Street; confirm if the technical requirements of the MTO could be achieved; and provide a cost estimate.

BM Ross initially determined that a pedestrian crossing at this location did not meet the MTO requirements, due to the minimum distance requirements from the signalized intersections at Huron & Main Street and Sanders & Main Street. However, upon further review of OTM Book 15 it was determined that if the pedestrian volumes exceed the minimum threshold of 65 people in a four hour period, a pedestrian crossover at this location would meet the MTO requirements.

The type of PXO is determined based on the requirements set out in OTM Book 15 - Table 7 (ie. posted speed limit, number of lanes, traffic volumes). Based on this

criteria, a posted speed of 50 km/hr, a two-lane road, and traffic volumes from the June 2023 traffic studies, a Level 2 Type D or a Level 2 Type C would be recommended.

BM Ross provided a cost estimate of \$69,200 (plus HST) for the design, approvals and construction of PXO-Level 2-Type C. The breakdown of this estimate is \$17,200 for engineering (design, approvals, MTO submissions, tender, site inspection, contract administration) and \$52,000 for construction (plus HST).

It should be noted that a least one parking spot would be eliminated and the existing bump out / raised garden may require modification.

Discussion and Staff Recommendation(s)

Staff recommend that a pedestrian crossover be considered in the 2025 Capital Budget.

Impact Analysis

Financial Impact:

The total cost of this project is estimated at \$69,200 (plus HST) and can be considered in the proposed 2025 Capital Budget.

Legal Impact:

There are no legal implications for the Corporation resulting from the proposed recommendation.

Community Impact:

Downtown businesses and the community at large will be positively impacted by the installation of a pedestrian crossover at this location, as it will be safer to cross a very busy highway with a controlled crossing.

Linkages

- [Ontario Regulation \(O. Reg\) 402/15 “Pedestrian Crossover Signs”](#)
 - [Ontario Traffic Manual \(OTM\) Book 15 “Pedestrian Crossing Treatments”](#)
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Respectfully submitted,

Don Giberson, Infrastructure & Development General Manager

Report Approval Details

Document Title:	TSD-13-2024 Potential Downtown Pedestrian Crossover.docx
Attachments:	
Final Approval Date:	Oct 1, 2024

This report and all of its attachments were approved and signed as outlined below:

Alex Wolfe - Sep 27, 2024 - 4:03 PM

Erin Moore - Sep 27, 2024 - 9:11 PM

Rebekah Msuya-Collison - Oct 1, 2024 - 10:05 AM