

THE MUNICIPALITY OF LAMBTON SHORES

Report DPW 01-2024

Council Meeting Date: February 27, 2024

TO: Mayor Cook and Members of Council

FROM: Nick Verhoeven, Director of Public Works

RE: Eighty One Crescent and Proposed Crosswalk Project

RECOMMENDATION:

THAT Report DPW 01-2024 regarding Eighty One Crescent and Crosswalk Project and be received; and

THAT endorse the concept plan for Eighty One Crescent and Proposed Crosswalk.

SUMMARY

This report provides an update on the Eighty One Crescent and Gill Road Crosswalk Project.

BACKGROUND

During 2024 Budget deliberations Council funded a project to install a crosswalk across Main Street East at Gill Road. The capital budget also included funding for resurfacing of Eighty One Crescent. Given the necessary construction of sidewalk infrastructure to provide connections to the proposed crosswalk staff have combined the two projects into one larger project. Council is asked to consider the proposed conceptual design of Eighty One Crescent and the Crosswalk to confirm that the concept is in keeping with the vision that Council wishes to see for this project.

The initial traffic investigation performed by Paradigm recommended that if desired a PXO be installed at the east leg of Gill Road and Main Street. While direction was given to proceed with a 'crosswalk' the specific location was not identified nor was the crosswalk type. Staff assumed, based on subsequent feedback, that the crosswalk was expected to be on the west leg which was contrary to the ultimate Paradigm recommendation. Staff reached out again to Paradigm for comment on placing a PXO on the west leg which is attached to this report. While technically feasible it provides some challenges for installation which will increase the cost and time requirements. The crosswalk is proposed to be a PXO Level 2 Type C per the Ontario Traffic Manual Book 15 Pedestrian Crossing Facilities. Both concepts are provided attached to this report.

The Eighty One Crescent work includes asphalt resurfacing and new sidewalks on both sides of the street. Parking would be reorganized to create 2 new accessible spaces and an additional 17 regular parking spaces. Sidewalk infrastructure is expanded to connect to the proposed crosswalk.

ALTERNATIVES TO CONSIDER

Council may make changes to the proposed design. Consideration of changes should be made in accordance with established Engineering traffic standards and accessibility legislation in Ontario.

RECOMMENDED ACTIONS

That Council receive the report and endorse the concept plan.

FINANCIAL IMPACT

The Project is included within the 2024 Capital Budget. The project will be implemented in accordance with the Municipality Procurement Policy.

CONSULTATION

Paradigm Transportation Solutions
Sam Shannon, Infrastructure Manager