



A People Place, A Change of Pace
SHELBURNE
ONTARIO, CANADA

Meeting Date: Monday, January 24, 2022

To: Mayor Mills and Members of Council

From: **Steve Wever, Town Planner**

Report: P2022-02

Subject: **County Road 124 Sidewalk Cost Estimate**

Recommendation

Be it Resolved that Council receive Report P2022-02 for information;

AND THAT sidewalk needs and options along County Road 124 be further reviewed and considered as part of the Transportation Master Plan and related recommendations.

Background

Council inquired about the cost of installing sidewalks along County Road 124, from the Greenbrook Village subdivision (Wansbrough Way) in the north to the new road entrance at the Emerald Crossing subdivision (Anishinaabe Drive) and to Main Street East (Highway 10/89) in the south. Currently, there are no sidewalks on either side of County Road 124, and most of the road has a rural profile (gravel shoulders, ditches) except in the vicinity of the existing intersection with Main Street East (Highway 10/89) where some curb and gutter are provided.

New sidewalk will be installed along the east side of County Road 124 from the intersection at Main Street East (Highway 10/89) northerly to the new road entrance (Anishinaabe Drive) for the Emerald Crossing subdivision. Where possible, this new sidewalk will be located along the eastern edge of the County right-of-way, to minimize the impact to and maximize the space available for future road widening and urbanization, and also to address snow

removal and storage between the sidewalk and roadway/shoulder. New sidewalk will also be installed along the west side of County Road 11 from Main Street East (Highway 10/89) southerly to School Road.

Analysis

Based on the cost estimates for the approved new sidewalks being installed along the east side of County Road 124 and the west side of County Road 11, a preliminary cost estimate has been generated for adding three sections of sidewalk along the west side of County Road 124:

1. From Wansbrough Way to Steeles Street:	\$228,000
2. From Steeles Street to Industrial Road:	\$235,000
3. From Industrial Road to Main Street East:	\$116,000
Engineering & Contingencies:	\$145,000
Total (excluding HST):	\$724,000

A preliminary cost estimate has also been generated for adding a sidewalk along the east side of County Road 124, from Wansbrough Way to Anishinaabe Drive, which could be considered in addition to or as an alternative to a sidewalk along the west side of County Road 124:

4. From Wansbrough Way to Anishinaabe Drive:	\$396,000
Engineering & Contingencies:	\$ 99,000
Total (excluding HST):	\$495,000

These cost estimates are intended as an indication of the order of magnitude of the expected cost and are not based on field review or an approved/detailed engineering design for these sidewalks. There are several factors that impact the cost estimate which would require further, detailed review through the preparation of engineering design plans:

- Extent and feasibility of re-grading and stormwater drainage modifications required and related restoration work;
- Utility impacts and relocation of underground and aboveground utilities and services (poles, wires, conduit, pedestals, hydrants, etc.);
- Sign impacts and relocation/new signage as required;
- Addition of street lighting (currently County Road 124 is only illuminated in the vicinity of the existing intersections at Main Street East (Highway 10/89) and Wansbrough Way);
- Reinstatement / replacement of existing private driveways impacted by construction;
- Property acquisition for right-of-way widening if/as needed;
- Pedestrian crossing, pavement markings and accessibility requirements;

- Pedestrian bridge / culvert extension for crossing of Besley Drain;
- Landscaping and tree impacts and replacement/restoration.

The County and the Town do not currently have regional and local Transportation Master Plans (TMPs), respectively; however, both the County and the Town have developed work plans to prepare a TMP. Through the preparation of the County and Town TMP's, it is expected that transportation policies, standards, roles and responsibilities, and future projects and priorities and estimated costs will be defined to provide direction and recommendations for addressing current and future transportation needs. The Town's TMP will involve a comprehensive assessment of improvements required throughout the Town to consider the needs and impacts of traffic, goods movement, pedestrians and cyclists and current and future transit services. Alternate truck route / by-pass and a Highway Access Management Plan for the west side of Shelburne are specific components that will also be addressed as part of the Town's TMP. As the Town's TMP is intended to build on the results and recommendations of the County TMP, the timing of the project will depend, in part, on the County TMP process.

To ensure the sidewalk needs along County Road 124 are considered within a complete picture of the transportation needs and priorities of the community, it is recommended that this report be provided to the TMP consultants for further review and analysis and related recommendations to be developed through the TMP process.

Policies & Implications (if any) Affecting Proposal

Town of Shelburne Official Plan

Financial Impact

Cost estimate attached. For these and other sidewalks along County Roads and Provincial Highways within the Town limits, the County and MTO, respectively, require the Town to enter into an agreement to establish the Town's responsibilities for ongoing maintenance and repair/replacement of the sidewalk. Based on discussions with County staff, the Town would be responsible for ongoing maintenance and future repair/replacement of any sidewalk added along County Road 124. Project design, implementation and capital cost responsibilities would be determined based on further review and discussion and depending on whether Development Charges funding may be available to fund a portion of the project and if the project can be integrated with a broader road re-paving/ improvement project in partnership with the County. As the road is under County jurisdiction, County approvals will be required. It is anticipated that the Town would be responsible for the capital costs of installing the sidewalks. If the County urbanizes County Road 124 in the future, it may be more cost-effective to implement a sidewalk as part of

that work as a larger road improvement project, as this type of project would avoid the drainage and grading complications of installing a sidewalk along a rural profile roadway and related ditch re-grading/modifications. However, it is not known at this time if/when County Road 124 will be upgraded to an urban standard.

Consultation and Communications

This report was prepared in consultation with the Director of Development and Operations and the Town Engineer and based on preliminary discussion with County staff. County staff noted that the Municipal Act dictates that pedestrian movement and sidewalks are a local municipal responsibility and not the upper tier.

Council Strategic Priorities

Council's Strategic Priorities has three Goals - Sustainable, Engaged and Livable. There are a total of 12 targets with the three Goals.

This report aligns with the Sustainable and Livable Goals within the Targets:

T3 – Invest and fund critical infrastructure for future

T11 – Improve community connections

Supporting Documentation

County Road 124 Sidewalk – Preliminary Cost Estimates
Air Photos

Prepared by:

Reviewed by:

Steve Wever, Town Planner

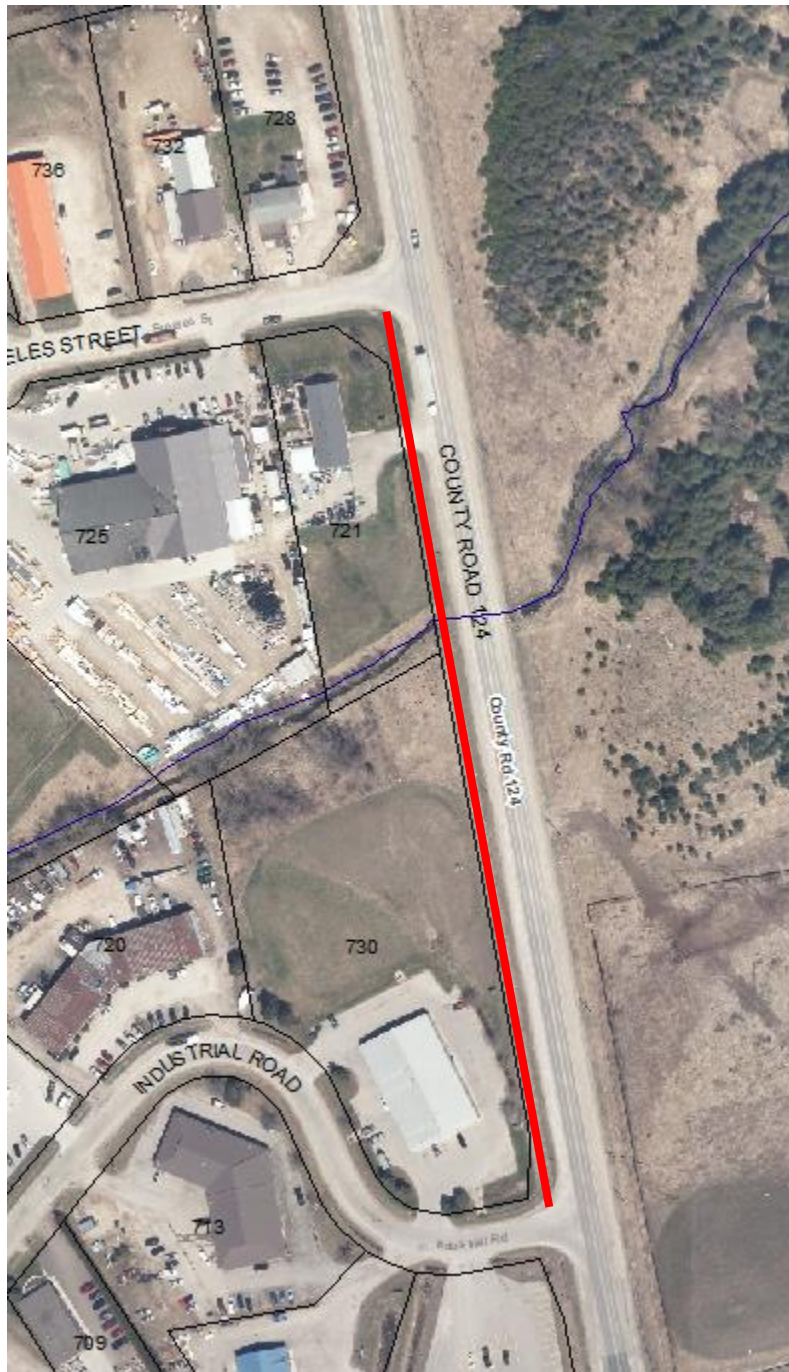
Denyse Morrissey, CAO

West Side of CR 124 by Section	Length (m)	Sidewalk	Bridge	Tactile Plates	Lighting	Ditch Re-grading	Shoulder Restoration	Drainage	Driveway Reinstatement	Landscaping	Total (Rounded)
1. West Side of CR 124 - Wansbrough Way to Steeles Street	382	\$ 91,680	\$ -	\$ 1,200	\$ 20,820	\$ 38,200	\$ 28,650	\$ 11,600	\$ 11,000	\$ 24,448	\$ 228,000
2. West Side of CR 124 - Steeles Street to Industrial Road	304	\$ 72,960	\$ 50,000	\$ 1,200	\$ 15,790	\$ 30,400	\$ 22,800	\$ 11,600	\$ 11,000	\$ 19,456	\$ 235,000
3. West Side of CR 124 - Industrial Road to Main St. E.	172	\$ 41,280	\$ -	\$ 1,200	\$ 10,220	\$ 17,200	\$ 12,900	\$ 11,600	\$ 11,000	\$ 11,008	\$ 116,000
Total	858	\$ 205,920	\$ 50,000	\$ 3,600	\$ 46,830	\$ 85,800	\$ 64,350	\$ 34,800	\$ 33,000	\$ 54,912	\$ 579,000
										Engineering (15%)	\$ 87,000
										Contingency (10%)	\$ 58,000
										Total (Excl. HST)	\$ 724,000
East Side of CR 124											
4. East Side of CR 124 - Wansbrough Way to Anishinaabe Dr.	620	\$ 148,800	\$ 50,000	\$ 1,200	\$ 35,950	\$ 62,000	\$ 46,500	\$ 11,600	\$ -	\$ 39,680	\$ 396,000
										Engineering (15%)	\$ 59,000
										Contingency (10%)	\$ 40,000
										Total (Excl. HST)	\$ 495,000

1. West Side of County Road 124 from Wansbrough Way to Steeles Street



2. West Side of County Road 124 from Steeles Street to Industrial Road



3. West Side of County Road 124 from Industrial Road to Main Street East (Hwy 10/89)



4. East Side of County Road 124 from Wansbrough Way to Anishinaabe Drive

