



Corporation of the Township of Brock

Staff Report to the Mayor and Members of Council

From: Dylan Quigley

Position: Director of Public Works

Title / Subject: Sidewalk Installations – Proposed Revisions

Date of Report: August 6, 2024

Date of Meeting: August 12, 2024

Report No: 2024-OP-011

1.0 Issue / Origin

Revised sidewalk installation locations and enhanced design.

2.0 Background

Within the 2024 capital budget a total of \$300,000 for sidewalk installations was approved. This project was posted for tender and awarded to the successful proponent, Richvale Construction Limited, in the amount of \$256,700 not including HST.

3.0 Analysis

In June 2024, Council approved additional funding in the amount of \$50,000 to be allocated from Development Charges to accommodate required changes to sections of Main Street East in Beaverton and Albert Street South in Sunderland. These accommodations included a thicker concrete base and railing for sections along Main St. as well as undermining support, railings, and a culvert for the proposed location along Albert St.

Upon further review of installation progress along Main St., staff have identified, in consultation with a third-party engineered design, the need for further undermining protection in areas where the sidewalk abuts the edge of the ditch. Additionally, the contractor has expressed concerns with meeting the full scope of the project with respect to restoration work along various driveways. Additional resources will be required to restore various driveways to ensure adequate drainage and an appropriately sloped apron as to not damage homeowner vehicles.

After considerable review trying to establish the safest and most feasible option for sidewalk installation along Albert Street South in Sunderland, staff have agreed that a sidewalk in this location is cost prohibitive at this time and far surpasses the original scope of this project. The installation would require extensive infrastructure upgrades including, but not limited to, seeking an engineered design, removing the ditch, installing a new culvert, backfilling for adequate undermining support, and final sidewalk installation. Moreover, the draft designs for the development of this subdivision in 2008 did not originally include a sidewalk south of Brethour Street, posing challenges to the available space for the sidewalk.

4.0 Related Policies / Procedures

Procurement procedure for tenders exceeding approved budgets.

5.0 Financial / Budget Assessment

The original approved budget for this project was a total of \$300,000, as per the 2024 Capital Budget. The project was uploaded to the Town's Bids and Tenders platform, upon which an award was granted to the successful proponent in amount of \$256,700 (before tax). In June 2024, Council approved an additional \$50,000 above and beyond the approved \$300,000, allocated from Development Charges, to accommodate additional concrete and handrails along Main Street East, as well as anticipated equipment and infrastructure for Albert Street South, resulting in a new upset limit of \$350,000.

Upon review of the operation along Main Street East in Beaverton by Town staff and engineering consultants, the contractor has requested additional funding to satisfy the design recommendations for appropriate undermining support as well as include all other scope revisions to properly restore various driveways that have presented drainage concerns since the sidewalk has been installed.

With recommendations to eliminate the Albert Street South portion of this project, staff propose to re-allocate the previously approved funding for that location in the amount of \$29,250 to cover the additional amount required for Main Street East. In consultation with contractor, staff have concluded that if funding is re-allocated from the Albert Street location, combined with the additional funding approved in June for Main Street, there is sufficient budget remaining to complete this project. The total estimated cost for the completion of this project is approximately \$344,625 (taxes not included), pending Council's approval to forgo the Albert Street South portion and reallocate funding accordingly.

5.1 Asset Management

The proposed changes listed herein make up the basis for what staff deem to be required to ensure the sidewalk base and subsurface maintains an adequate life span.

Forgoing the recommendations within this report will increase the chances of an emergency repair before the length of sidewalk has reached its anticipated useful life.

6.0 Climate Change Impacts

To ensure adequate drainage and avoid the chance of pooling water and ice in the winter months, the appropriate undermining protection is imperative to ensure the sidewalk bays and subsurface do not shift during periods of freeze and thaw.

7.0 Communications

This report is being published on a public agenda.

8.0 Conclusion

In order complete this project in a safe and adequate manner, staff are recommending the re-allocation of funding from Albert Street South listed herein be approved to accommodate the necessary resources required to complete Main Street East. Additionally, any tendered projects similar in nature to this in the future will be developed with specifications outlining more detailed instructions to prevent similar challenges experienced by staff while working on this project.

9.0 Recommendation

BE IT RESOLVED THAT Committee receive report 2024-OP-011, and

THAT Committee approve the scope change of removing the Albert Street South location and re-allocate funding in the amount of \$29,250 to Main Street East, and

THAT this recommendation be ratified at the Council Meeting of August 12, 2024.