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Date: June 1, 2020
To: Mayor and Council
Author: Tim Del Greco, Manager of Municipal Services
RE: Resurfacing of Briarwood Crescent Subdivision
Report No.: MS2020 – 17

AIM

To advise Council of a change in project scope.

BACKGROUND

During the January 16th 2020 Budget Meeting, Council approved milling and paving of Briarwood Crescent, Lincoln Road, and Graham Sideroad (south of County Road 20).

In February of 2020, Council awarded resurfacing of this subdivision to Coco Paving in the amount of \$254,505 (excluding HST).

DISCUSSION

The roads within this subdivision were originally built to a lower standard and lower level of service. The last resurfacing occurred around 1998. These roads have remained functional since this resurfacing, however are now severely cracked. Pot holes and rutting will occur in the absence of future repair.

Geotechnical testing of the road base was recently completed. The recommendation resulting from this testing is to reconstruct the road base as well as improve drainage prior to resurfacing. These improvements will strengthen the asphalt surface, increase the level of service, and delay distress. However, at a significant cost.

Full depth road reconstruction and improvements to drainage (curb and gutter, storm sewers, etc.) are typically reserved for collector and arterial roads that operate at higher speeds and/or volumes and therefore require a higher level of service. Residents are able to petition for local road improvements through Ontario Regulation 586/06 - Local Improvement Charges.

The intent of resurfacing (as planned) is to repair the asphalt surface prior to failure and restore the road to its original level of service. An additional 20 years of service life following resurfacing should be expected based on past performance. However, cracking and distress will occur early in the life cycle.

Increasing the asphalt thickness will improve road strength. A change order to the existing contract will be processed increasing asphalt to 4 inches thick (currently 3 inches thick). No other changes to project scope are planned.

LINK TO STRATEGIC PLAN

To become a leader in sustainable infrastructure renewal and development.

FINANCIAL CONSIDERATIONS

\$450,000 is approved in the Capital Budget for resurfacing of Briarwood Crescent Subdivision. Coco Paving has been awarded this work at a cost of \$254,505 (excluding HST). Increasing the asphalt thickness will result in an additional \$27,470 in expenses.

For comparison, reconstructing the road base and improving drainage is estimated to cost in the range of \$800,000 - \$900,000. Spending additional dollars on low travelled local roads inhibits the Town's ability to maintain collector and arterial roads (both urban and rural).

CONSULTATIONS

Kingsville Administration

RECOMMENDATION

That Council support a change in project scope (additional asphalt at a cost of \$27,470) for resurfacing of Briarwood Crescent, Lincoln Road, and Graham Sideroad (south of County Road 20).

Tim Del Greco

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Manager of Municipal Services

G. A. Plancke

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