

REVISE THE SCOPE OF CONTRACT T00-130
ASPHALT RESURFACING – VARIOUS LOCATIONS

Recommendation

The Commissioner of Development Services & Public Works in consultation with the Director of Reserves and Investments and the Director of Purchasing recommends:

- 1) That the scope of Tender T00-130 for Asphalt Resurfacing – Various Locations be revised to include additional curb and gutter replacement as well as complete asphalt pavement removal and replacement; and
- 2) That the 2000 Capital Budget amount of \$239,000 be increased to \$421,000, with the additional \$182,000 to be funded from Long Term Debt.
- 3) That notwithstanding the Purchasing Policy and Procedures, the Director of Purchasing be authorized to extend the Contract with Osler Paving and Construction Ltd. and revise the existing purchase order by \$182,000 to complete the work.

Purpose

To revise the scope of work of Contract T00-130 , Asphalt Resurfacing – Various Locations, to reconstruct rather than resurface the roads.

Background - Analysis and Options

On July 10, 2000, Council endorsed the 2000 Road Resurfacing Program, consisting of Button Road, Andrew Park, North Humber Drive and Marilyn Place in Woodbridge. This area was originally developed in the early 1970's as a residential subdivision, with the roads and other services constructed by the developer. (See attachment No. 1). This project (2000 Capital Budget Project 1140.2.0) is funded from Long Term Debt.

The 2000 Road Resurfacing Program had been established through an analytical review of a compilation of streets selected on the basis of priority as indicated in the City's 1995 Road Needs Update or through requests for evaluation for improvement from Council and/or residents.

The project was tendered Tuesday, September 26, 2000 and awarded to Osler Paving in the amount of \$210,749.88 at the Council Meeting of October 10, 2000. Subsequently, work started in late fall, however, winter conditions forced the project to be stopped for the winter months. At that time, the contractor had replaced some curb and gutter and ground out the top layer of asphalt in preparation for resurfacing.

Prior to the contractor returning to the site this spring, staff carried out an inspection of the site. The investigation revealed a very poor base asphalt and subsequent geo-technical investigation revealed that the granular sub-base was inadequate. Therefore, resurfacing is no longer an appropriate solution. If the road was resurfaced as originally planned, it would break up prematurely due to the inadequate base and the City's investment would not provide an appropriate return. Also numerous complaints have been received regarding the condition of the curbs and gutters and the limited replacement included in the original contract.

Recommended Revisions to Project Scope

Given the condition of the existing base asphalt and granular sub-base, staff has proposed a new approach to complete the project in order to achieve better long-term performance as follows:

- Place sub-drains at the curbs to aid drainage (none exist).
- Remove all existing base asphalt.
- Remove and replace additional curb and gutter sections.
- Add granular material to improve the road cross-fall.
- Shape-up and compact the surface.
- Pave the roads to full City standards in a manner which would accommodate the expected need for watermain replacement in the near future (approximately 5 years).

Financial Implications

The estimated total increase in the cost of the project, including taxes is \$182,000 and is calculated as follows:

Original Tender Amount	\$210,749.88
Monies paid to contractor to date (P.C. #1)	\$ 48,717.64
Funds remaining	\$162,032.24
Osler's cost estimate	\$327,057.27
Additional funds required	\$165,025.03
Additional contingency (10%)	\$ 16,503.00
Total additional funds (rounded)	\$182,000.00

The cost estimate provided by Osler Paving has been analyzed and found to be competitive.

Therefore, the original Council approved budget of \$239,000 should be increased to \$421,000, with the additional funding from Long Term Debt.

Conclusion

Staff recommend that notwithstanding the Purchasing Policy and Procedures, Council authorize the Director of Purchasing to extend the Contract with Osler Paving and Construction Ltd. and revise the existing purchase order by \$182,000 to accommodate the change in scope of work. Staff have carefully analyzed the Osler quotation for the additional work and have found it to be very competitive with current bid prices. Releasing Osler and retendering the project at this time would have negative financial and schedule ramifications for the City. Osler is ready to mobilize its forces for completion of this project immediately upon Council's approval.

Attachments

1. Location Map

Report Prepared By

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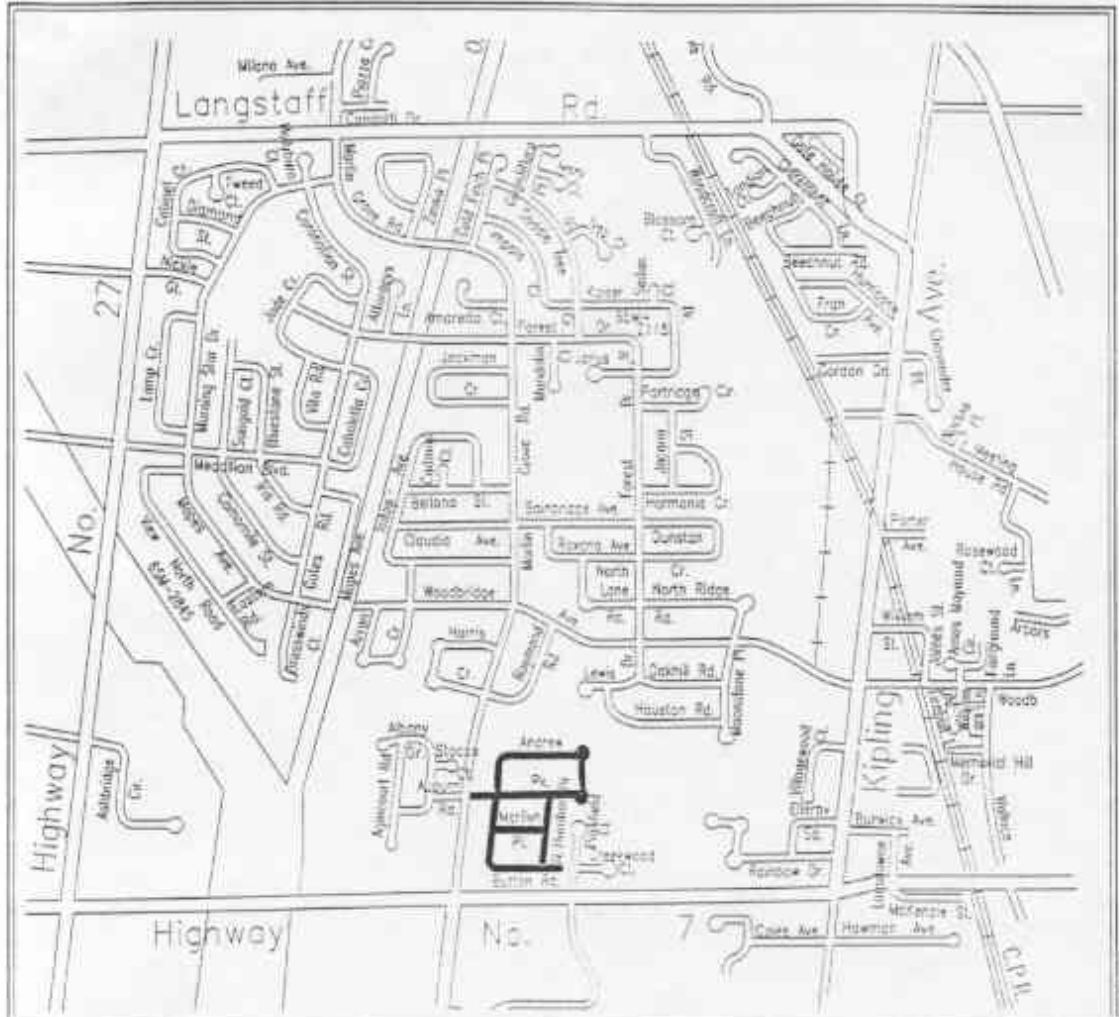
Respectfully submitted

FRANK MIELE
Commissioner of Development Services & Public Works

Bill Robinson, P. Eng.
Director of Engineering

JZ:MC

ATTACHMENT No. 1



ASPHALT RESURFACING VARIOUS LOCATIONS T00-130

LEGEND

 DENOTES ROADS TO BE RESURFACED



NOT TO SCALE

CITY OF WAUHAN - ENGINEERING DEPARTMENT

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