

COUNCIL - OCTOBER 29, 2001

REVISIONS TO CONTRACT T01-129
ROAD RESURFACING – VARIOUS LOCATIONS

Recommendation

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

1. That the following revisions to Contract T01-129 Road Resurfacing-Variou Locations, be approved:
 - a) That Edgeley Boulevard from Applewood to 150 metres north of Pennsylvania be deleted from the 2001 Road Resurfacing Program as it is not warranted.
 - b) That the following locations be deleted from the 2001 Road Resurfacing Program and be identified as separate Capital Projects in the 2002 Capital Budget and Forecast for future years:
 - Clarence Street from Meeting House to the Humber River and Langstaff to 350 metres north,
 - Chancellor Drive from Pine Valley Drive to Aberdeen, and
 - Forest Drive from Kaiser to Saddle Tree.
 - c) That the following locations be added to the 2001 Road Resurfacing Program:
 - Sydel Crescent,
 - Muzzo Court,
 - Marevan Place,
 - Athena Court,
 - Thistle Ridge Drive,
 - Terra Road, and
 - Pine York Avenue.
 - d) That the scope of road resurfacing work for the following locations as specified in Contract T01-129 be revised to include full asphalt removal, regrading and additional curb replacement:
 - Harris Crescent,
 - Tall Grass Trail from Pine Valley Drive to south end,
 - Birch Meadow Outlook, and
 - Timber Lane.
2. That notwithstanding the City's Purchasing Policy and Procedures – the Director of Purchasing be authorized to extend the contract for Contract T01-129 with Fermar Paving Ltd. and revise the existing Purchase Order in the additional amount of \$490,219.30 (excluding G.S.T.) for the revisions to the scope of work required.
3. That the Director of Reserves and Investments be authorized to transfer \$600,000 from Capital Budget account #1140-1-99 (1999 Road Resurfacing Program) to account #1140-3-01 (2001 Road Resurfacing Program) in order to fund the additional work to be added to contract T01-129 and associated contingencies, administration, taxes and geotechnical costs.
4. That the contingency allowance be increased to \$100,000 and be approved, within which the Executive Director of City Engineering and Public Works is authorized to approve amendments to the contract.

5. That the Executive Director of City Engineering and Public Works be authorized to suspend the contractor's operations in whole or in part at any time in the Fall of 2001 (after October 31, 2001) in order to minimize winter season road construction disruptions and inconvenience to residents, and to order the resumption of construction work in the Spring of 2002.
6. That Randel Investments Inc., the developer of the Pine Valley Court subdivision, be required to complete planned service connection work within the Tall Grass Trail road allowance (north of Muzzo Court) by March 31, 2001, prior to the completion of the resurfacing of Tall Grass Trail.
7. That Randel Investments Inc. be required to access the Pine Valley Court subdivision solely by means of their temporary access road off Islington Avenue north of Highway 407.

Purpose

Council approval to revise the scope of work associated with Contract T01-129 and approve the allocation of the additional funding required.

Background - Analysis and Options

On June 25, 2001, Council approved the 2001 Road Resurfacing Program as identified in Item 25, Report No. 49, Committee of the Whole of June 18, 2001. Subsequently, on August 27, 2001, Council approved the award of tender T01-129, Road Resurfacing – Various Locations to Fermar Paving Ltd. in the amount of \$510,931.50 (excluding G.S.T.). The prices bid by Fermar were competitive, were within the City's budget and were 38 percent lower than the second lowest bidder.

Following the award of Contract T01-129, it became evident that additional work over and above the scope of work identified in the tender package was required.

Revisions to Contract Required

The City's contractor, Fermar Paving Ltd. has commenced work on T01-129, but cannot proceed further until staff receive Council authorization to revise the scope of work included in the contract. The Director of Purchasing requires Council authority to increase the Contract T01-129 value to Fermar Paving Ltd. by \$490,219.30 (excluding G.S.T.) notwithstanding the City's Purchasing Policy and Procedures. Fermar Paving Ltd. has agreed to extend their unit prices for the contract revisions based on the competitive prices bid by Fermar for T01-129 and T01-110 (Woodbridge Avenue Reconstruction). The alternative of suspending T01-129 and re-tendering would be costly and is not recommended.

Additional Funding Required

The Director of Reserves and Investments has confirmed that funds are available in 1999 Capital Budget Project #1140-1-99 (Road Resurfacing Program) and requires Council authorization to transfer \$600,000 to the 2001 Project #1140-3-01.

The additional work on Harris Crescent, Tall Grass Trail, Birch Meadow Outlook and Timber Lane requires additional funding of \$299,792.70 (excluding G.S.T.). These streets were constructed approximately 20 years ago and now require full asphalt removal, addition of granular base material and reshaping. Harris Crescent also requires full curb replacement and the addition of a catchbasin for improved stormwater drainage.

Staff recommend the addition of Sydel Crescent, Muzzo Court, Marevan Place, Athena Court, Thistle Ridge Drive, Terra Road and Pine York to the 2001 Resurfacing Program in order to complete all the streets in the area at the same time. The cost of this additional work is \$383,487.10 (excluding G.S.T.).

Staff ordered geotechnical investigation work this past summer which indicated that the Edgeley Boulevard section and most of the Clarence Street sections included in T01-129 did not in fact require resurfacing for several years. The Humber River Bridge on Clarence Street is also expected to require rehabilitation within the next several years. Therefore staff recommend that work on these streets be deferred and that the savings (\$193,060.50 excluding G.S.T.) be applied to the additional scope of work required for streets in the Tall Grass area.

A small section of Forest Drive was included in T01-129 but was not listed in the Council approved list for the 2001 Road Resurfacing Program and therefore should be removed from the contract.

The locations of all the streets are illustrated on Attachment 1. The financial implications of the recommended revisions to contract T01-129 are summarized on Attachment 2.

Schedule for Completion

Contract T01-129 was awarded to Fermar Paving Ltd. by Council August 27, 2001. Staff held the pre-construction meeting with the contractor on August 30, 2001, and the contract was executed between the City and the contractor September 14, 2001. The scheduled start date of September 17 was delayed to October 1, 2001 because of the time required to obtain underground utility locates before the contractor could commence work. Work has progressed with curb replacement and the installation of sub-drains, but inclement weather has caused some delay.

As the onset of winter is imminent, staff recommend that a suitable date for suspension of construction activity for the winter months be established with the contractor. This will prevent disruption and inconvenience to residents over the coming winter months. Construction would resume as soon as weather permits in 2002 and the contract should be completed by the Summer.

Pine Valley Court Subdivision

Council directed staff to "pursue funding options through the developer of the proposed new residential developments to the south, for the road resurfacing costs of Timber Lane and Tall Grass Trail, and that staff report back with the findings." (Item 17, Report 54 of the Committee of the Whole, which was adopted, as amended by the Council of the City of Vaughan on August 27, 2001.). The Executive Director of City Engineering and Public Works spoke with Randel Investments Inc. regarding this matter. The developer has subsequently constructed a temporary access road for construction traffic off of Islington Avenue, north of Highway 407. Staff will ensure that construction traffic associated with the development of the subdivision is restricted from using the newly resurfaced roads in the Tall Grass subdivision and furthermore, that any underground service connection work that is required is completed prior to the road resurfacing.

Conclusion

Staff recommend that notwithstanding the City's Purchasing Policy and Procedures, Council authorize the Director of Purchasing to extend Contract T01-129 with Fermar Paving Ltd. and revise the existing Purchase Order by \$490,219.30 (excluding G.S.T.) to accommodate the changes in the scope of work. Staff have established competitive pricing with Fermar and the

Director of Reserves and Investments has confirmed that funds are available from the 1999 Capital Budget for Road Resurfacing to cover the additional costs.

To avoid disruption and inconvenience to residents, staff will re-schedule most of the construction work to be completed by the Summer of 2002.

Attachments

1. Location Map
2. Calculation of Additional Funds Required

Report prepared by:

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Respectfully submitted,

FRANK MIELE
Commissioner of Development Services
and Public Works

Bill Robinson, P. Eng.
Executive Director of City Engineering
and Public Works

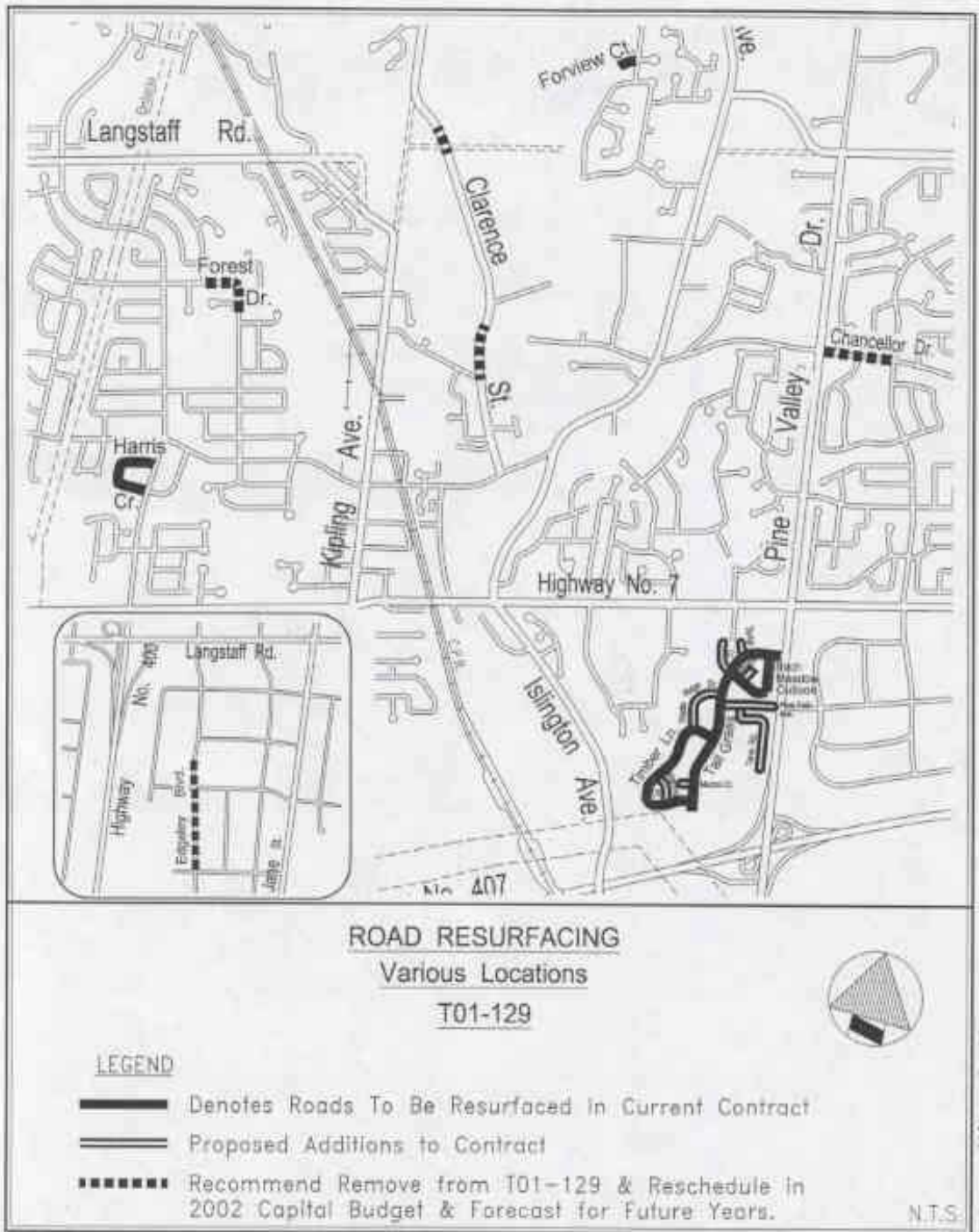
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ATTACHMENT NO. 2

CALCULATION OF ADDITIONAL FUNDS REQUIRED

• Contract T01-129	\$ 510,931.50 (excluding G.S.T.)
• Additional work on Harris Cres., Tall Grass Trail, Birch Meadow Outlook and Timber Lane	+\$ 299,792.70 (excluding G.S.T.)
• Deletion of Edgeley Blvd., Clarence St. Chancellor Dr. and Forest Dr. from T01-129	-\$ 193,060.50 (excluding G.S.T.)
• Addition of Syde Cres.I, Muzzo Ct., Murevan Place, Athens Ct., Thistle Ridge Dr. and Terra	+\$ 383,487.10 (excluding G.S.T.)
• Revised Contract T01-129	\$1,001,150.80 (excluding G.S.T.)
Recommended Contingency Allowance	\$ 100,000.00
Geotechnical Investigation and Testing	\$ 30,000.00
G.S.T. (3%)	\$ 33,934.52
Treasury Administration	\$ 34,952.56
	<u>\$1,200,037.88</u>
Total Revised Rounded	\$1,200,000.00
• Funding from 2001 Capital Budget Project 1140-3-01	\$ 600,000.00
• Additional funds required (transfer from project 1140-1-99)	\$ 600,000.00

ATTACHMENT No. 1



CITY OF WARDHAM - ENGINEERING DEPARTMENT

Drawing created by City of Wardham - Engineering Department - 2001 - Attachment 1.doc