

ITEM	1
MANAGER'S REPORT NO.	3
COUNCIL MEETING 1978	Jan. 05

Re: REPLACEMENT OF LINDEN TREES ON DEER LAKE PLACE

On 1977 September 19, Council received a report on a proposal to replace trees on Deer Lake Place which were badly damaged by vandals. That report, a copy of which is attached, was referred back to staff to determine if smaller and less expensive trees than were recommended could be purchased if protection was also provided in the form of individual "cages". Comments on this matter are contained in the following report from the Parks and Recreation Administrator.

Mayor Constable and the Principal of the Burnaby Central Senior Secondary School have discussed Council's suggestion that the student body may in some way wish to become involved with the tree replacement program. While the Principal is sympathetic to the problem, he felt that he should not actively seek such involvement because there is no evidence that students were responsible for damage to the existing trees, and furthermore, that students have never mischievously damaged any of the trees that are on the school grounds. However, he did indicate that he would make the Student Council aware of the problem.

RECOMMENDATION:

1. THAT a tender be called for the supply and planting of 27 Tilia euclora, having a caliper of 3-4", for planting on the west side of Deer Lake Place from Gilpin Street to Burnaby Central High School, with costs to be charged against the Municipal Hall Renovations account; and
2. THAT a copy of this report be sent to Mr. J. Foster, Principal of the Burnaby Central Senior Secondary School.

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TO: MUNICIPAL MANAGER DECEMBER 29, 1977
 FROM: PARKS AND RECREATION ADMINISTRATOR FILE: L2-6
 RE: REPLACEMENT OF LINDEN TREES ON DEER LAKE PLACE

Item 12, Municipal Manager's Report No. 63, was received by Council on September 19, 1977, and referred back to staff for further investigation. Council requested that staff examine the possibility of planting smaller trees with a protective cage around each tree.

We have discussed the subject of "cages" with other local Parks departments and advise that the concensus is that there is no "cage" that will protect a tree from the types of damage we have experienced on Deer Lake Place - broken branches and crown.

The purpose of a tree "cage" is to protect the trunk of a tree from damage by people or machinery. There are two types of steel cages manufactured in Ontario; 5' high, weighing 84 to 116 lbs., and costing \$110 and \$120 f.o.b. Hamilton, Ontario. This type will protect tree trunks from damage by lawn mowers, vehicles, car doors, etc. A metal cage could, in fact, result in a broken trunk as the cage could be used as a fulcrum point. The trees recommended, 3-4" caliper, could not be so damaged without extreme force.

The tree sizes that are available to us fall generally into the following categories:

1-1/2 to 1-3/4" caliper	=	\$80 to \$100
2 to 2-1/2"	"	= \$200 to \$250
2-1/2 to 3"	"	= \$250 to \$300
3 to 4"	"	= \$350

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Re: Replacement of Linden Trees on Deer Lake Place - Cont'd.

The trees that are now in place have a caliper of 1½" and it is obvious that a greater caliper is required to withstand the kinds of vandalism experienced. Trees up to and including the 2½ to 3" caliper could still be susceptible to similar vandalism.

Staff are of the opinion that the former recommendation for planting of 3-4" caliper trees, at a cost of \$350 each, is the best solution.

RECOMMENDATION:

THAT a tender be called for the supply and planting of 27 Tilia euchlora, having a caliper of 3-4", for planting on the west side of Deer Lake Place from Gilpin Street to Burnaby Central High School, with costs to be charged against the Municipal Hall Renovations account.

DENNIS GAUNT

DG:lf

Re: REPLACEMENT OF LINDEN TREES ON DEER LAKE PLACE

Following is a report from the Parks and Recreation Administrator regarding the replacemert of trees on Deer Lake Place.

Most of the trees on the east side of the street, where vandalism has been virtually non-existent, are in good condition. A few, however, do need to be replaced. The preferred alternative in this regard is to remove the undesirable trees on the east side, and to replace them with some of the good trees that would become available from the west side if the recommendation in this report is adopted by Council.

RECOMMENDATION:

1. THAT a tender be called for the supply and planting of 27 *Tilia euchlora*, having a calipre of 3" to 4", for planting on the west side of Deer Lake Place from Gilpin Street to Burnaby Central High School, with the estimated cost in the amount of \$9,450 to be charged to the Municipal Hall Renovations Account.

TO: MUNICIPAL MANAGER SEPTEMBER 9, 1977
FROM: PARKS AND RECREATION ADMINISTRATOR
RE: REPLACEMENT OF LINDEN TREES ON DEER LAKE PLACE

Most of the trees on the west side of Deer Lake Place, from Gilpin Street to the Burnaby Central High School, have been damaged severely and will not develop symmetrically. The damage is wanton vandalism and we would hesitate to replace these trees with ones of a similar size as they could receive similar damage. There is no way of protecting them to ensure that such vandalism would not happen again. If trees of a larger calipre, say 3" to 4", were used they would have a better chance of developing than those of the smaller, 1½" to 2", calipre.

The estimated cost of supply and planting of the larger trees is approximately \$350 per tree, and there are twenty-seven (27) trees to be replaced on the west side of Deer Lake Place, from Gilpin Street to the north entrance to the Central High School parking lot. The estimated total cost is \$9,450.

The planting season is from approximately October 1st until April 1st, and calipre trees of 3" to 4" are in short supply. Therefore, we should act very soon with a tender in order to ensure the supply. The tender should be for supply and planting of trees.

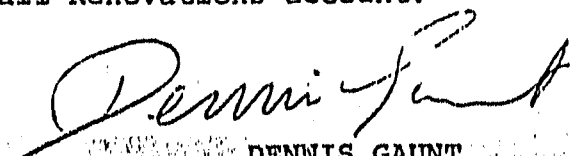
The Municipal Treasurer recommends the allocation of unexpended funds from the Municipal Hall Renovations account for this purpose.

RECOMMENDATION:

THAT a tender be called for the supply and planting of 27 *Tilia euchlora*, having a calipre of 3" to 4", for planting on the west side of Deer Lake Place from Gilpin Street to Burnaby Central High School, with the costs to be charged against the Municipal Hall Renovations account.

cc: Municipal Treasurer

ng:lf


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