

ITEM	13
MANAGER'S REPORT #	22
COUNCIL MEETING	96/08/26

DATE: 1996 08 20

TO: CITY MANAGER

FROM: DIRECTOR ENGINEERING

FILE: 40-06-12

SUBJECT: EMERGENCY CULVERT REPAIR WORKS -
BROADWAY/BURNABY MOUNTAIN GOLF COURSE
CULVERTS AT EAGLE CREEK

PURPOSE: To obtain approval to proceed with emergency culvert repair works for the existing culverts in the Burnaby Mountain Golf Course, immediately upstream of the Broadway culverts.

RECOMMENDATIONS:

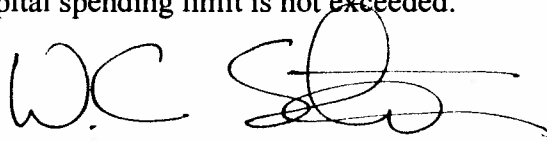
1. THAT the Director Engineering be authorized to carry out the additional emergency culvert repair work as outlined in this report.
2. THAT a copy of this report be forwarded to the Parks & Recreation Commission.

REPORT

At the 1996 July 22 Council meeting, Council approved the award of Contract #9604 to Greenstar Contracting Inc. for rehabilitation of the Broadway Avenue culverts at Eagle Creek for a total cost of \$391,756.96. The contract includes relining the existing culverts under Broadway and a section of the culvert within the Burnaby Mountain Golf Course.

The construction is progressing well and is on schedule. During the relining of the culverts under the road, further inspection has revealed that the culverts within the golf course area have undergone a rapid rate of deterioration and deformation since the last inspection. The deterioration has reached such a stage that immediate remedial action must be undertaken to prevent pipe failure and wash out in the coming winter. The additional rehabilitation work would include installation of steel tunnel pipes and extra concrete grouting at the critical locations. The remaining less critical areas are determined to be relatively stable but will be monitored as part of the culvert inspection program.

The additional emergency repairs are estimated to cost \$150,000 and will be added to Contract #9604 subject to Council approval. Sufficient Capital Reserves are available to finance these works. Appearing elsewhere on this agenda is a Capital Works Expenditure Bylaw for Council approval to cover the extra expenditures. The additional work is not identified in the current Capital Program but appropriate adjustments will be made to ensure the overall Capital spending limit is not exceeded.


DIRECTOR ENGINEERING

LSC:jb

cc: Director Finance
Director Recreation & Cultural Services
City Solicitor