

TO: CITY MANAGER **DATE:** 1995 12 12

FROM: DIRECTOR ENGINEERING **FILE:** 50-01-08

SUBJECT: DRAINAGE IMPROVEMENT COST SHARING WITH THE CITY OF COQUITLAM

PURPOSE: To seek Council approval of cost sharing with the City of Coquitlam for culvert improvements on North Road south of Lougheed Highway

RECOMMENDATION:

1. THAT staff be authorized to bring down a bylaw to enter into an agreement with the City of Coquitlam for culvert improvements on North Road south of Lougheed Highway at an estimated cost of \$50,000 for Burnaby's share.

REPORT

INTRODUCTION

The City of Coquitlam and Burnaby jointly own a 36-inch diameter drainage culvert under North Road south of Lougheed Highway for inter-municipal drainage conveyance. The culvert is a woodstave pipe that was installed many years ago prior to upgrading of North Road. Recent inspection of the pipe revealed sections of the culvert under the Coquitlam side have failed, and subsequent temporary repairs were carried out by Coquitlam crews to strengthen the structure until a permanent solution is put in place.

Arising from the initial response by Coquitlam, Burnaby also conducted a video inspection and confirmed that there is no immediate concern of pipe failure on Burnaby's side. However, given the age of the facility and the possibility of progressive failure of the pipe, it is recommended that the entire length of the culvert should be replaced or upgraded at this time under one contract.

DISCUSSION

Both Burnaby and Coquitlam Engineering staff have had the opportunity to examine different options and costs associated with the upgrading or replacement of the culvert. Results of the assessment concluded that the best approach would be jacking a new pipe through the existing culvert minimizing traffic disruption and inconvenience to adjacent

businesses.

The City of Coquitlam has prepared the appropriate engineering design and contract document and have requested Burnaby's confirmation of 50/50 cost sharing of the project. Coquitlam would administer the contract and Burnaby would reimburse Coquitlam 50% of the actual construction cost after the project is complete. Under Section 237(1) of the Municipal Act, Council approval of a bylaw is required in order to enter into an agreement with the City of Coquitlam for the culvert improvement work.

FUNDING

Burnaby's share of the cost is estimated to be approximately \$50,000. Final payment to the City of Coquitlam will be based on the actual construction price. The funds are available in the 1995 Budget.

CONCLUSION

In view of the condition of the existing wood stave culvert under North Road south of Lougheed Highway, it is in Burnaby's best interest to join with Coquitlam to replace the aging facility under one contract. Therefore, it is recommended that staff be authorized to bring down a bylaw for the inter-municipal cost sharing agreement.



DIRECTOR ENGINEERING

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cc: Director Finance
City Solicitor