

4. Re: Miscellaneous Semi-Capital Type Drainage Works
And Letter of Complaint - Mr. P.C. Pelchat, 8053 - 16th Avenue.

The Engineer advises that during the recent two flooding conditions encountered in Burnaby, we had a number of problems come to light through the heavy and rapid run-off of water. There are some projects which the Engineer describes as semi-maintenance and semi-capital types of work which should be carried out to provide some easing of situations where problems were encountered as we may expect a repeat of these problems in the future during each heavy rain.

More particularly, the situations brought to light over the past two storms were:

- 1. Easement at 8050 - 17th Avenue -- this easement was piped many, many years ago with a wooden box culvert and has, by large, proved adequate over the years but obviously is now causing us problems. The estimated cost of replacement is \$2,000.
 - 2. Install pipe across Thorne at Meadow Ave. -- Est. cost . \$3,000.
 - 3. Install pipe across Trapp Rd. at Fraser River Dyke- " \$5,000.
 - 4. Pipe small watercourse at Royal Oak and Byrne Rd. - " \$3,000.
 - 5. Place rip rap in watercourse easement at 8033 Winston Street " \$1,000.
- TOTAL COST FOR 5 PROJECTS \$14,000.

These are not truly major capital works but are nevertheless expensive items and it is not within our ability to charge these to our general drainage account in the Roads Operating Budget without causing a serious over-expenditure.

Appearing on the Agenda as a communication for the November 15 meeting is a letter dated November 3, 1971, from Mr. Pelchat, 8053 - 16th Avenue complaining of a drainage problem. The problem he refers to will be resolved if project No. 1 noted above is constructed. In this connection, attached you will find the Engineer's reply to Mr. Pelchat dated November 9, 1971, the contents of which are self-explanatory.

Unfortunately, each of these five projects are such that were brought to light only by the two excessively heavy storms, and without the occurrence of these storms, the existing facilities probably would have sufficed without serious problem for a considerable length of time; however, it is not considered prudent to allow present matters to go as they are without rectification.

RECOMMENDATION:

- THAT authority be given to do the work recommended by the Engineer; and
- THAT the work be charged against the Special Drainage Projects Account in the Capital Budget; and
- THAT \$14,000 be transferred from the Special Roads Projects Contingency Account in the Capital Budget to the Special Drainage Projects Account; and
- THAT Mr. Pelchat be advised that the necessary work has been authorized.



ITEM 4
MANAGER'S REPORT NO. 73
COUNCIL MEETING Nov. 15/71

THE CORPORATION OF THE DISTRICT OF BURNABY

MUNICIPAL HALL
4949 CANADA WAY,
BURNABY 2, B. C.

TELEPHONE 299-7211

9 November, 1971

Office of the Engineer

Mr. Philibert C. Pelchat
8053 - 16th Avenue
Burnaby 3, B. C.

Dear Sir:

Re: Your Letter to Burnaby Municipal Council
Dated 3 November, 1971, Concerning Easement
to Drain Lane at Rear of Your Property

I was aware following our last heavy rain that we had a problem with respect to draining the lane down to the storm sewer on 17th Avenue, resulting primarily from the old enclosed wooden box and the lack of a proper connection to the storm sewer at 17th Avenue. I was not aware, however, that your property was suffering from the facilities which were draining the lane. However, I can appreciate when the water does back up in the wooden box enclosure which exists on the easement across Mr. Samchuck's property that you would also have some flooding condition prevailing at the rear of your property.

Our discussions concerning this subject were held primarily with Mr. Samchuck, 8050 - 17th Avenue, inasmuch as the easement itself exists across his property; this would perhaps explain why the complaints were not registered in your name, since our records system primarily deals with the property which is the subject of concern, and in this case of course, it is Mr. Samchuck's property.

We recognize the need to replace the wooden box structure across Mr. Samchuck's property, and the accompanying need for a proper connection to the storm sewer on 17th Avenue; the existing facilities have been over the years more or less satisfactory, but it is apparent that now is the time for up-dating this local drainage system.

Accordingly, I have placed a recommendation to the Municipal Manager, which will go before the Municipal Council, hopefully at its next meeting concerning the need to replace and improve certain relatively minor drainage facilities throughout the Municipality and the replacement of the wooden box across Mr. Samchuck's property is one of those on that list.

Following the anticipated approval from the Municipal Council, we intend to commence work immediately.

Although we were already aware, following the last heavy rain, of the need to carry out the replacement work mentioned, we nevertheless appreciate your interest in the matter and wish to thank you for once again bringing this problem to our attention.

Yours truly,


H. B. Olson
MUNICIPAL ENGINEER