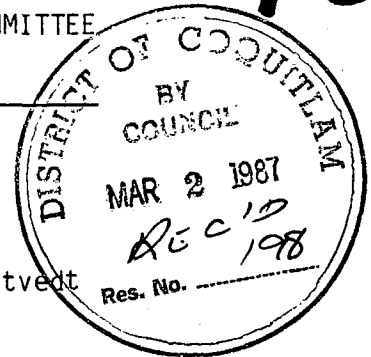


DRAINAGE COMMITTEE

90

TO EXECUTIVE COMMITTEE:

MINUTES OF A MEETING OF THE DRAINAGE COMMITTEE
held at Coquitlam Municipal Hall
at 1200 h Wednesday, 1987 Feb. 25



Attending:

Ald. Reid, Chairman
Ald. Robinson
J. L. Tonn

Neil Nyberg
Sever Rondestvedt

1. CALL TO ORDER

The Chairman called the meeting to order at 1221 h

504-1 SYMBOLIC IDENTIFICATION OF STORM DRAIN OUTFALL TO FISH HABITAT.

2. The Committee considered the report of the Municipal Engineer and resolved that:

That the Drainage Committee of Council endorse the storm drain marking program of the British Columbia Conservation Foundation.

That the Municipal Engineer contact the British Columbia Conservation Foundation to advise of permission to carry out the marking program in accordance with Bylaw 699, the Streets and Traffic Bylaw and the appropriate sections of the Construction Zone Safety Policy of the District of Coquitlam.

Moved: Ald. Robinson
Seconded: Ald. Reid
CARRIED

504-2 1987 TOWN CENTRE DRAINAGE PROGRAM

3. The Committee considered the report of the Municipal Engineer and resolved that:

Council
Action
Required

The 1987 Municipal Drainage Trunk Program 533054 be approved in advance of the 1987 Budget Bylaw as follows:

Ponderosa Trunk Main	533054-023	\$ 5,189
Lafarge Lake Dyke	533054-026	\$250,000
Lincoln-Heffley Drainage Trunk	533054-028	105,000
Oversizing Payments	533054-024	50,000

That a bylaw to withdraw \$155,000 of funds from the Drainage Development Cost Charge Reserve Fund be drafted and presented to Council.

That engineering design and contract documents for the Lafarge Lake Dyke be completed in 1987 to allow a start in construction at short notice.

Moved: Ald. Robinson
Seconded:
CARRIED

*APPR'D
Co. Res. 1/27/87*

504-3 1987 DITCH ELIMINATION PROGRAM

4. The Committee considered the report of the Municipal Engineer and resolved that:

That the 1987 Ditch Elimination Program be approved in advance of the 1987 Budget Bylaw, as follows:

<u>Account #</u>	<u>Description</u>	<u>Amount</u>
533055-015	Robinson St: Como Lake To Covina	\$85,000
533055-017	Area Four: Maillardville: Dunlop/ Richard neighbourhood	225,000
		<u>\$310,000</u>

That A Drainage Reserve Bylaw for the approved program, in the amount of \$310,000 be presented to Council for 1987 June 22.

That the detailed estimates be kept confidential pending tender call.

Moved: Ald. Robinson
Seconded:

CARRIED

504-4 1987 FLOODING CONTROL PROJECTS

5. The Committee considered the report of the Municipal Engineer and resolved that:

That preliminary approval be given for the 1987 Budget Bylaw to include the following accounts.

<u>Account #</u>	<u>Description</u>	<u>Amount</u>
533055-019	Sheridan Intake: Booth Creek Floodway	\$ 60,000
533055-020	Nelson Creek Enclosure: Alderson	60,000
533055-021	Pathan/Pipeline Intake	18,000
		<u>\$138,000</u>

That Bylaw #1708 be forwarded to Council for consideration on 1987 March 02 (100)

That \$138,000 of expenditure from the Drainage Capital Works Reserve be approved for the 1987 Flooding Control Program.

Moved: Ald. Robinson
Seconded:

CARRIED

Council
Action
Required

APPR'D
CO. RES.
#200/87

Council
Action
Required

APPR'D
CO. RES.
#201/87

504-5 DITCH ELIMINATION PROGRAM - STATUS SUMMARY

6. Moved that this report was received.

Moved: Ald. Robinson
Seconded

CARRIED

504-6 STATUS REPORT - FRASER MILLS DEVELOPMENT STUDY

7. The Municipal Engineer advised the committee that a study of Booth Creek was being carried out by the Engineering Department. The Drainage study submitted by Westfair Properties was also helpful in determining appropriate flooding protection for the area.

Moved that this report be received.

Moved: Ald. Robinson
Seconded

CARRIED

504-7 REQUEST FOR DRAINAGE ENCLOSURES AND SUBSIDIES: 1987

8. The Committee considered the requests for cost sharing and declined the opportunities owing to lack of funds. The Municipal Engineer was instructed to contact the applicants by letter.

Moved that report 504-7 be received.

Moved: Ald. Robinson
Seconded:

CARRIED

9. The Chairman adjourned the meeting at 1300 h.

DISTRICT OF COQUITLAM

AGENDA NO.504.1

Inter-Office Communication

TO: J.L.Tonn, Municipal Manager DEPARTMENT: Administration DATE: 1987 02 19
FROM: Neil Nyberg DEPARTMENT: Engineering YOUR FILE:
SUBJECT: SYMBOLIC IDENTIFICATION OF STORM DRAIN OUTFALL OUR FILE: 05 01 12
TO FISH HABITAT 01 03 06

TO DRAINAGE COMMITTEE

Reference: A. Letter d 1987 January 27, British Columbia Conservation Foundation.

1.00 BACKGROUND

- 1.01 Reference A is a request for permission to paint yellow fish-shaped symbols adjacent catch basins and inlets which discharge to fish habitat. This program is designed to supplement the Salmonids in The Classroom curriculum in local schools. Brochures will be delivered to local residences to explain the symbol.
- 1.02 The program is intended to inform the general public of the interconnection of disposal of waste in catch basins, to pollution of the environment.
- 1.03 Reference A requests a 'motion of support' from Council, and written authorization to carry out the marking program. The target date for this authorization is the end of February.

2.00 RECOMMENDATIONS

- 2.01 That the Drainage Committee of Council endorse the storm drain marking program of the British Columbia Conservation Foundation.
- 2.02 That the Municipal Engineer contact the British Columbia Conservation Foundation to advise of permission to carry out the marking program in accordance with Bylaw 699, the Streets and Traffic Bylaw and the appropriate sections of the Construction Zone Safety Policy of the District of Coquitlam.

Neil Nyberg

Neil Nyberg, P. Eng.
Municipal Engineer

NWN/mw
Attach.

January 27, 1987

Mr. James Tonn
Municipal Manager
District of Coquitlam
1111 Brunette Avenue
Coquitlam, B.C.
V3K 1E9

Dear Mr. Tonn:

The British Columbia Conservation Foundation is a non-profit organization dedicated to the preservation and enhancement of fish and wildlife habitats throughout the province. We are currently assisting the Provincial Ministry of Environment and Parks and the Public Involvement Program of the Department of Fisheries and Oceans Canada to establish a storm drain marking program in the Lower Fraser Valley.

This program entails painting a yellow fish symbol beside storm drains that discharge into fish-bearing waters. The attached print illustrates the symbol which is 12" long and is applied using yellow traffic-line paint and a template. A major feature of the program is that the marking will be done by public volunteer groups such as Boy Scouts, Girl Guides, Fish and Game Clubs, other community service groups, and individuals. Local schools, particularly those already involved in the Salmonids In The Classroom curriculum, will also have the opportunity to participate. The marking crews will be equipped with reflective safety vests and all crews involving children will have one or more adult supervisors. This extensive involvement of the public will hopefully increase their awareness of the importance of local streams to salmon and trout and develop a sense of commitment to maintaining the water quality of those streams.

In conjunction with the actual marking volunteers will also distribute brochures to local residences to inform the occupants as to meaning of the fish symbol beside storm drains. Hopefully, this will lead to a reduction in the incidence of materials such as motor oil, antifreeze, pesticides, detergents and other substances toxic to fish being disposed of down storm drains.

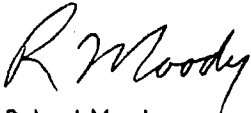
The program has already received endorsement by the Municipalities of Surrey and Langley, and we are anxious to expand the program north of the Fraser River. We are therefore requesting approval and endorsement from the District of Coquitlam to conduct a storm drain marking program within the district boundaries. We would appreciate if such approval could take the form of a motion of support from the mayor and council, followed by written authorization. We would appreciate your advising us of the procedures to follow to obtain such approval.

We have prepared a 9 1/2 minute voice dubbed slide show that explains the program and relates it to the important economic and social roles that the fisheries resource plays in British Columbia. We would be pleased to present the show to council and/or other local government officials who may wish further clarification of the purpose of the storm drain marking program.

To get the program rolling we are hoping to obtain approval from local governments on the north side of the Fraser River by the end of February. Your early response would assist us in achieving that goal. If you have any questions concerning the program or suggestions as to how we might speed up the approval process please contact our project biologist, Mr. Tony Barnard, at 594-6752 or 584-8822. Your cooperation is greatly appreciated.

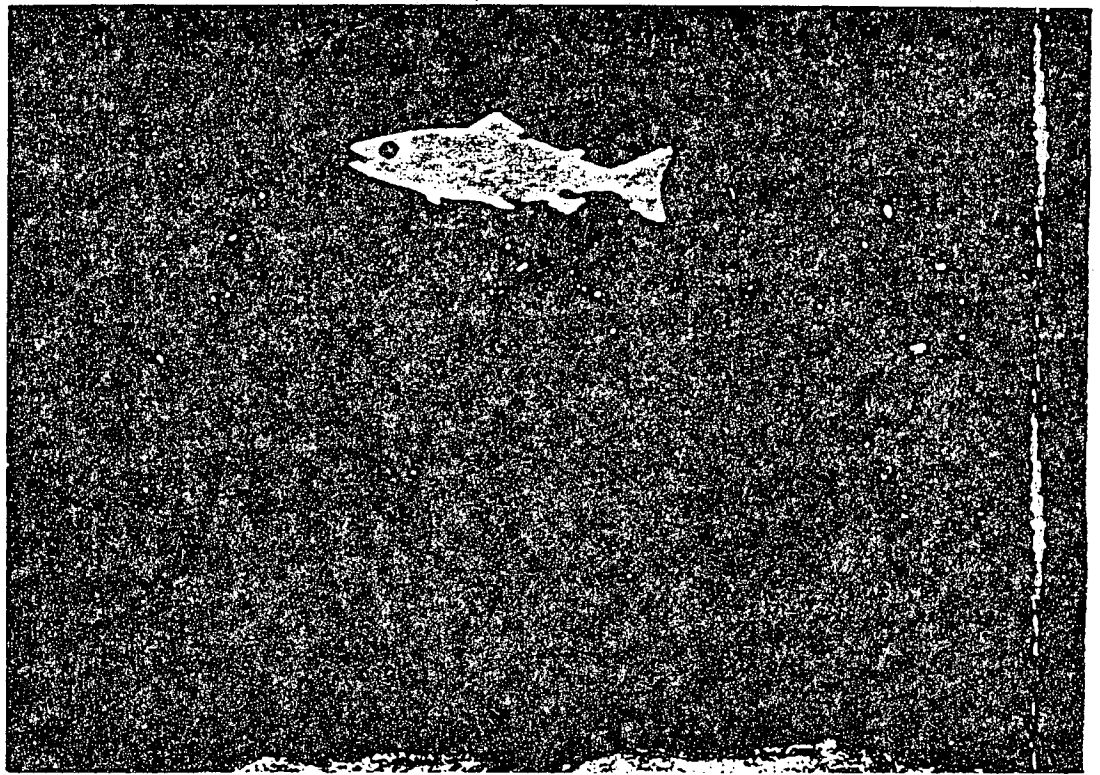
Yours sincerely,

BRITISH COLUMBIA CONSERVATION FOUNDATION



Robert Moody
Executive Director

cc: Mr. Gary Taccogna, Community Advisor, DFO
Mr. Peter Caverhill, Fisheries Biologist, MOEP



DISTRICT OF COQUITLAM

AGENDA NO. 504-2

Inter-Office Communication

TO: J.L.Tonn, Municipal Manager DEPARTMENT: Administration DATE: 1987 Feb 19
 FROM: Neil Nyberg DEPARTMENT: Engineering YOUR FILE:
 SUBJECT: 1987 TOWN CENTRE DRAINAGE PROGRAM OUR FILE: 05 02 86/07

FOR DRAINAGE COMMITTEE

1.00 BACKGROUND

1.01 Bylaw 988, 1979, as amended by Bylaw 1124, 1980, authorizes collection of development cost charges from various sectors of the Town Centre to assist in financing the cost of municipal trunk storm sewers. As of 1986 December 31, the Development Cost Charge Reserves contained the following estimated sum:

834916-200	Drainage Area No.1 @ \$27,420/hectare	\$676,500
834916-300	Drainage Area No.2 @ \$38,580/hectare	13,000
834916-400	Drainage Area No.3 @ \$16,740/hectare	35,500
834916-500	Drainage Area No.4 @ \$23,560/hectare	80,000
		<u>\$805,000</u>

1.02 The projects which are required to extend or improve the municipal drainage system in 1987 are as follows:

533054-023	Ponderosa Trunk Main Bylaw 1535(1985)	5,189
532054-026	Lafarge Lake Dyke Bylaw 960(1979)	80,000
	Bylaw 1535(1985)	170,000
532054-028	Lincoln Heffley Municipal Drainage Trunk Drainage Area #2	105,000
532054-054	Oversizing payments to Developers Drainage Area #1	50,000
	TOTAL:	<u>\$410,189</u>
	. Funded by existing bylaws	\$255,189
	. Funded by proposed bylaw	\$155,000

1.03 The Ponderosa Street Trunk Main project is a carryover reserve from 1986 and represents anticipated contract adjustment payments for work completed in 1986.

1.04 The project description for the Lafarge Lake Dyke is attached as Appendix A. Construction of the dyke must await the relocation of Pinetree Way to a new alignment across the GVSDD lands, so an early start on the work is unlikely.

As development intensifies in the Town Centre, the potential loss from flooding from a surcharging Lafarge Lake becomes an important consideration.

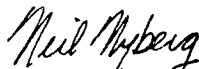
- 1.05 The Lincoln-Heffley Storm Drainage Trunk extends the Christmas Way outfall system to development lands north of Lincoln Avenue. Appendix B is the detailed project description.
- 1.06 Oversizing payments to developers are the District cost share of enlarging drainage trunks within the DCC area. Development cost charges are reversed at the time of subdivision to allow for oversizing payments. Oversizing payments payable in 1987 are \$25,000 to Park Lane Homes and \$25,000 to Tan Holdings.

2.00 RECOMMENDATIONS

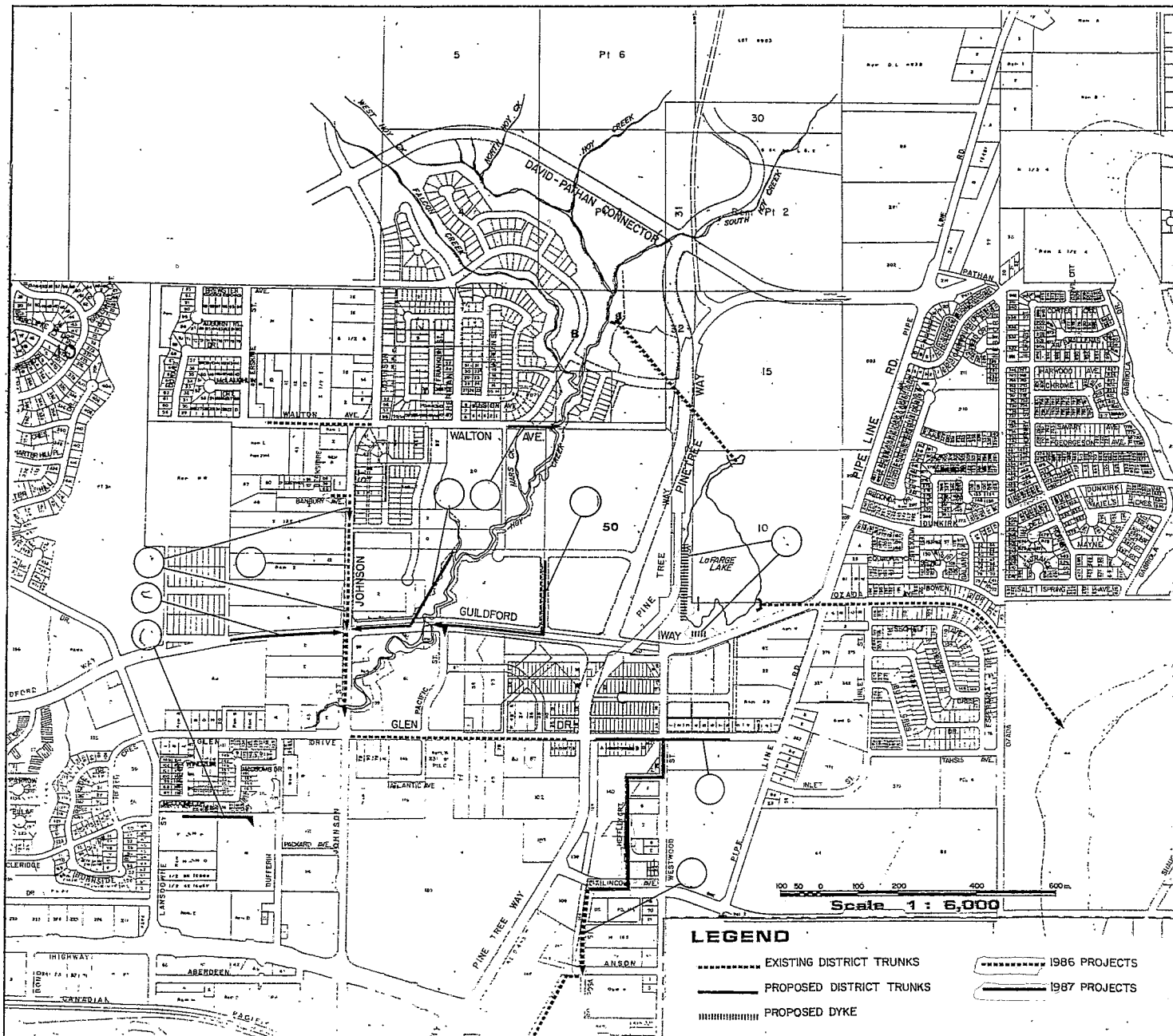
- 2.01 That the 1987 Municipal Drainage Trunk Program 533054 be approved in advance of the 1987 Budget Bylaw as follows:

Ponderosa Trunk Main	533054-023	\$ 5,189
Lafarge Lake Dyke	533054-026	\$250,000
Lincoln-Heffley Drainage Trunk	533054-028	105,000
Oversizing Payments	533054-024	50,000

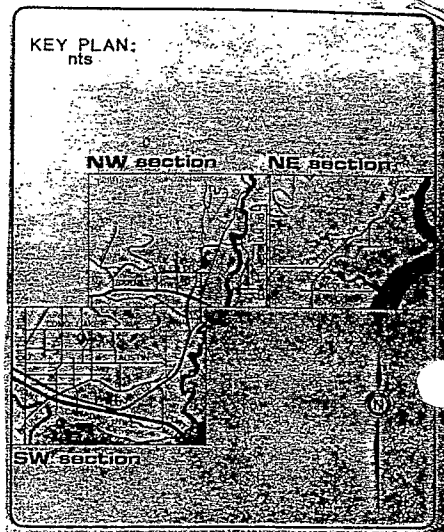
- 2.02 That a bylaw to withdraw \$155,000 of funds from the Drainage Development Cost Charge Reserve Fund be drafted and presented to Council.
- 2.03 That engineering design and contract documents for the Lafarge Lake Dyke be completed in 1986 to allow a start in construction at short notice.


Neil Nyberg, P. Eng.
Municipal Engineer

NWN/mw
Attach



- LEGEND**
- EXISTING DISTRICT TRUNKS
 - PROPOSED DISTRICT TRUNKS
 - ||||| PROPOSED DYKE
 - 1986 PROJECTS
 - 1987 PROJECTS



**capital
works
plan**

TITLE:

DRAINAGE TRUNKS

REVISED 87-02-18

engineering
department

district of
COQUITLAM

DISTRICT OF COQUITLAM

AGENDA NO.504-3

Inter-Office Communication

TO: J.L.Tonn, Municipal Manager DEPARTMENT: Administration DATE: 1987 02 19
FROM: Neil Nyberg DEPARTMENT: Engineering YOUR FILE:
SUBJECT: 1987 DITCH ELIMINATION PROGRAM OUR FILE: 05 03 01
01 03 06

TO DRAINAGE COMMITTEE

1.00 BACKGROUND

- 1.01 The objective of the Ditch Elimination Program is to systematically eliminate all roadside ditches in the established areas of southwest Coquitlam. Interest income from the \$5,000,000 Capital Drainage Works Reserve Fund provides engineering and construction funding without an additional tax burden on benefiting property owners. Ditch enclosure priorities are established by drainage area rather than individual ditch section. This allows for systematic enclosure by area, thereby minimizing system extension problems and lowering engineering and construction costs.
- 1.02 Since the Ditch Elimination Program was started in 1983, over 10,700 m of ditch have been eliminated from 50 locations in drainage areas 1, 2 and 3 (Ranch Park, Harbour Chines and Clarke Road). About 70,100 m of ditch remain in drainage areas 1 to 28.
- 1.03 The fifth year of the ditch elimination program includes carryovers from the 1986 Ditch Elimination Program and enters Maillardville (see attached sketch).
- 1.04 As of 1986 December 31, the Capital Drainage Works Reserve Fund contained \$4,267,369.62 of which \$4,000,000 must remain to generate interest proceeds. Bylaw #1698 adopted 1987 January 19, increased the interest bearing reserve fund by \$1,000,000 to total \$5,000,000. An estimated \$317,000 in interest will be available 1987 February 16, increasing to about \$458,000 by 1987 June 30. Draws from these interest proceeds should occur in two stages.

2.00 SCHEDULING

- 2.01 Engineering design is complete for ditch elimination in drainage area 4.
- 2.02 Bylaw #1708 is being prepared to authorize expenditure of \$152,000 from the Drainage Reserve Fund to design and construct flooding control projects (see separate report). This bylaw can be presented to Council 1987 March 02.

1987 DITCH ELIMINATION PROGRAM

2.03 A bylaw for the 1987 Ditch Elimination Program should be presented to Council by 1987 June 22. The schedule will allow additional interest funds to accumulate until the latest construction start date, thereby maximizing available funds in 1987.


3.00 RECOMMENDATIONS

3.01 That the 1987 Ditch Elimination Program be approved in advance of the 1987 Budget Bylaw, as follows:

<u>Account #</u>	<u>Description</u>	<u>Amount</u>
533055-015	Robinson St: Como Lake To Covina	\$85,000
533055-017	Area Four: Maillardville: Dunlop/ Richard neighbourhood	<u>225,000</u>
		\$310,000

3.02 That A Drainage Reserve Bylaw for the approved program, in the amount of \$310,000 be presented to Council for 1987 June 22.

3.03 That the detailed estimates be kept confidential pending tender call.


Neil Nyberg, P. Eng.
Municipal Engineer

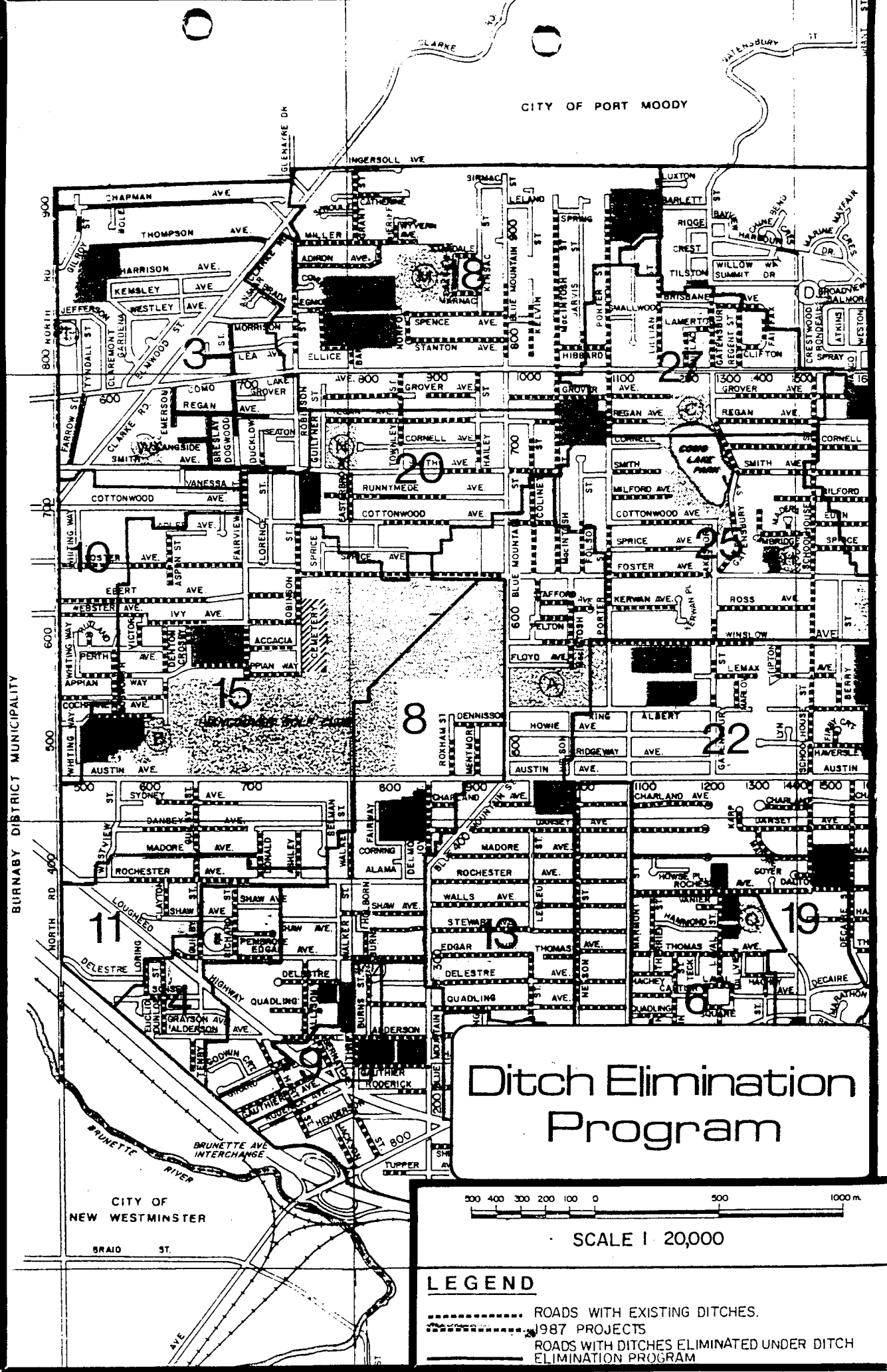
JDM/mw
Attach.

1987 DITCH ELIMINATION PROGRAM

PROPOSED PROJECTS

<u>STREET</u>	<u>SIDE</u>	<u>FROM</u>	<u>TO</u>	<u>PIPE LENGTH(m)</u>	<u>\$ ESTIMATE</u>
Robinson	E & W	Como Lake	Covina Court	520	85,000
Alderson	N	#579	Dunlop	38	10,600
Dunlop	W	Alderson	Edgar	319	67,800
Sunset	N	Loring	#617	169	34,700
Dunlop	E	Sunset	Edgar	62	19,600
Loring	E	Sunset	Delestre	79	13,700
Edgar	N	Loring	Dunlop	0	2,300
Lane N. Sunset	E & W	Dunlop	Lougheed Hwy	91	16,300
Edgar	N	#611	Lougheed Hwy	73	18,300
Edgar	N	LeClair Creek	Richard	124	26,100
Property Negotiation + Contingency				1,475	<u>15,600</u>
					<u>\$310,000</u>

CITY OF PORT MOODY



Ditch Elimination Program



SCALE 1:20,000

LEGEND

- ROADS WITH EXISTING DITCHES.
- 1987 PROJECTS
- ROADS WITH DITCHES ELIMINATED UNDER DITCH ELIMINATION PROGRAM

DISTRICT OF COQUITLAM

AGENDA NO. 504-4

Inter-Office Communication

TO: J.L.Tonn, Municipal Manager DEPARTMENT: Administration DATE: 1987 Feb 19
 FROM: Neil Nyberg DEPARTMENT: Engineering YOUR FILE:
 SUBJECT: 1987 FLOODING CONTROL PROJECTS OUR FILE: 05 02 86 '07
 01 03 06

FOR DRAINAGE COMMITTEE

Reference: A. Engineering Memo Report, 1986 December 05 (Executive)
Files 05 05 01 and 01 13 04

1.00 BACKGROUND

- 1.01 Reference A contains a description of heavy flooding in November 1986.
- 1.02 The following projects are planned for construction in 1987:

533055-019	Sheridan Intake: Booth Creek Flooding	\$ 60,000
533055-020	Nelson Creek Enclosure: Alderson	60,000
533055-021	Pathan/Pipeline Intake	18,000
533055-022	Gatensbury Escarpment Outfall	14,000
	TOTAL:	<u>\$152,000</u>

2.00 SCHEDULING

2.01 To reduce risk of future legal claims, these projects should be constructed as soon as possible. This requires advance budget approval by Council. Bylaw #1708 authorizes the expenditure of \$152,000 from the Drainage Reserve Fund to design and construct the four key projects. One project, the Gatensbury outfall has already been reviewed and given advance approval by Council at the regular meeting of 1987 February 16. The draft bylaw can be brought forward to the 1987 March 02 regular meeting of Council.

3.00 RECOMMENDATIONS

3.01 That preliminary approval be given for the 1987 Budget Bylaw to include the following accounts.

<u>Account #</u>	<u>Description</u>	<u>Amount</u>
533055-019	Sheridan Intake: Booth Creek Floodway	\$ 60,000
533055-020	Nelson Creek Enclosure: Alderson	60,000
533055-021	Pathan/Pipeline Intake	18,000
		<u>\$138,000</u>

1987 FLOODING CONTROL PROJECTS

- 3.02 That Bylaw #1708 be forwarded to Council for consideration on 1987 March 02
- 3.03 That \$138,000 of expenditure from the Drainage Capital Works Reserve be approved for the 1987 Flooding Control Program.



Neil Nyberg, P. Eng.
Municipal Engineer

NWN/mw

DISTRICT OF COQUITLAM

AGENDA NO. 504-5

Inter-Office Communication

TO: J.L.Tonn, Municipal Manager DEPARTMENT: Administration DATE: 1987 Feb 19
 FROM: Neil Nyberg DEPARTMENT: Engineering YOUR FILE:
 SUBJECT: DITCH ELIMINATION PROGRAM - STATUS SUMMARY OUR FILE: 05 02 87/17
 01 03 06

FOR DRAINAGE COMMITTEE

We have completed an inventory of the ditches to be enclosed as part of the Ditch Elimination Program in drainage areas 1 - 28. In addition, we have similar figures for the lanes for areas 1-28. Please note the lanes ditches will not be enclosed in the current program. Cost data is shown for the 1984-1986 period.

	<u>1984</u>	<u>1985</u>	<u>1986</u>
Engineering	20,000	37,600	48,100
Construction	165,000	432,400	391,800
TOTAL:	\$185,000	\$470,000	\$439,900
Length of Ditch enclosed (m)±	1,200 m	3,893 m	2,720 m
Length of Pipe Placed ±	1,000 m	3,199 m	2,130 m
Unit Cost (\$/m Ditch) ±	154	121	162
Unit Cost (\$/m Pipe) ±	185	147	207

The ditches remaining to be enclosed are summarized below..

<u>Drainage Area</u>	<u>Length of Roadside Ditches(m)</u>	<u>Length of Laneside Ditches</u>	<u>Drainage Area</u>	<u>Length of Roadside Ditches(m)</u>	<u>Length of Laneside Ditches</u>
3	50	750	16	860	300
4	1,370	600	17	1,100	1,000
5	3,230	2,400	18	2,200	1,500
6	2,900	750	19	320	600
7	500	400	20	2,000	1,300
8	2,650	1,800	21	2,900	2,200
9	1,100	400	22	2,000	2,300
10	1,050	750	23	1,000	1,800
11	650	100	24	2,000	420
12	8,400	2,800	25	5,000	4,800
13	6,300	3,400	26	1,400	0
14	720	250	27	3,700	1,200
15	5,200	4,000	28	8,300	3,100

Neil Nyberg
 Neil Nyberg, P. Eng
 Municipal Engineer

DISTRICT OF COQUITLAM

AGENDA NO. 504-6

Inter-Office Communication

TO: J.L.Tonn, Municipal Manager DEPARTMENT: Administration DATE: 1987 Feb 19
 FROM: Neil Nyberg DEPARTMENT: Engineering YOUR FILE:
 SUBJECT: STATUS REPORT - FRASER MILLS DEVELOPMENT STUDY OUR FILE: 01 03 06

FOR DRAINAGE COMMITTEE

BACKGROUND

A mixed use development has been proposed on a 17 hectare (42 acre) site in the Fraser Mills area in Coquitlam, British Columbia. The proposed development site is bounded by Lougheed Highway, King Edward Avenue, and Schoolhouse Street. The development site is shown in Figure 1.

As part of site improvements, the southeasterly quadrant of the development site will be required to be raised to above established flood level. The District of Coquitlam had expressed concern that the raising of the site level will result in a reduction of the low-lying area susceptible to flooding. Such area reduction may affect the storage of stormwater in the Booth and Como Creek catchments, which then may adversely affect existing upstream developments.

To address this concern, a drainage study has been conducted by Hamilton Associates to investigate the hydraulic behaviour of the watercourses in the area. The study was conducted in two phases. Phase 1 evaluated the sensitivity of water levels on Booth and Como Creek to a specific event of rainfall given to the reduction of the flood susceptible area resulting from development. Phase 2 evaluated the impacts of backwater from Fraser River and its effect on the creek levels, should Phase 1 conclude that the stormwater level is sensitive to the reduction of the flood susceptible areas.

The study was completed 1987 February 13.

DRAINAGE STUDY CONCLUSIONS

The analysis of the drainage system, using a hydraulic-hydrologic model and a known storm event that caused flooding on November 19, 1986, indicated that system capacity constraints are the cause of the flooding of the drainage system in the vicinity of the development site. These constraints are due to restrictive channel or culvert size and to debris clogging and growth.

The existing drainage system was observed to be insensitive to the reduction of the low-lying areas susceptible to flooding on the development site. Flooding can be anticipated in the area surrounding these constraints

Fraser Mills Development Drainage Study

irrespective of Fraser River water levels. The major implication of the higher water levels are reflected upstream and would require a higher hydraulic grade line to pass the same flow. The raising of the site would not have any effect on the hydraulic grade line of the system.

Capacity of the Booth Creek channel through the development site could be improved by removing debris and growths. The raising of the site will also increase the capacity of this section of Booth Creek. Such increase in capacity will result in the increase of peak flow volumes through the culverts at Lougheed Highway. These culverts will provide adequate capacity for such an increase of peak flows.

It should also be noted that flooding occurs irrespective of the level of the Fraser River. Furthermore, water level of the Booth and Como Creek resulted by backwater of the Fraser River is directly related to the hydraulic gradient of the drainage system and not to the area of the development site.

Analysis has concluded that the raising of the site in the development area will not adversely affect upstream water levels.

This report is submitted for your information.



Neil Nyberg, P. Eng.
Municipal Engineer

NWN/mw
Attach

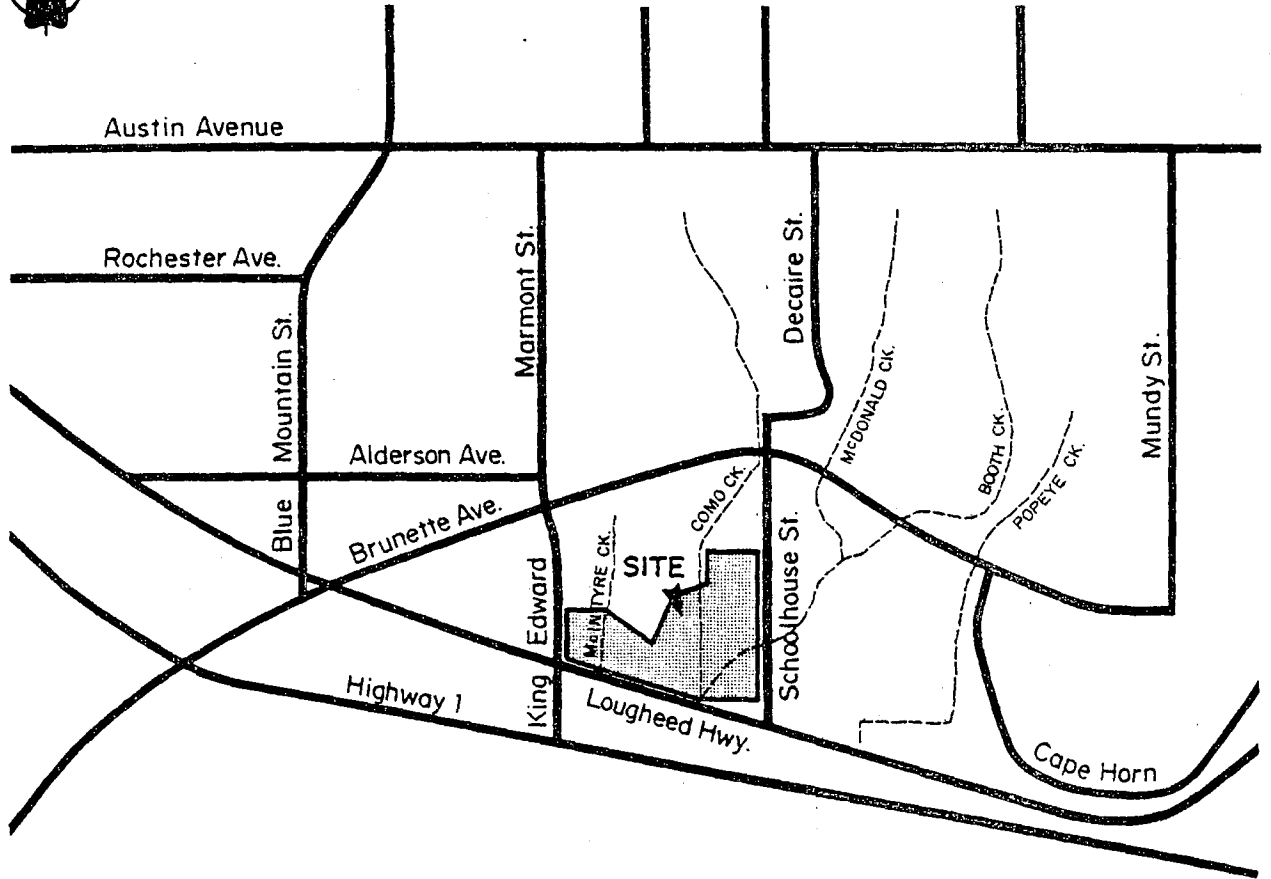


FIGURE 1 - SITE LOCATION PLAN

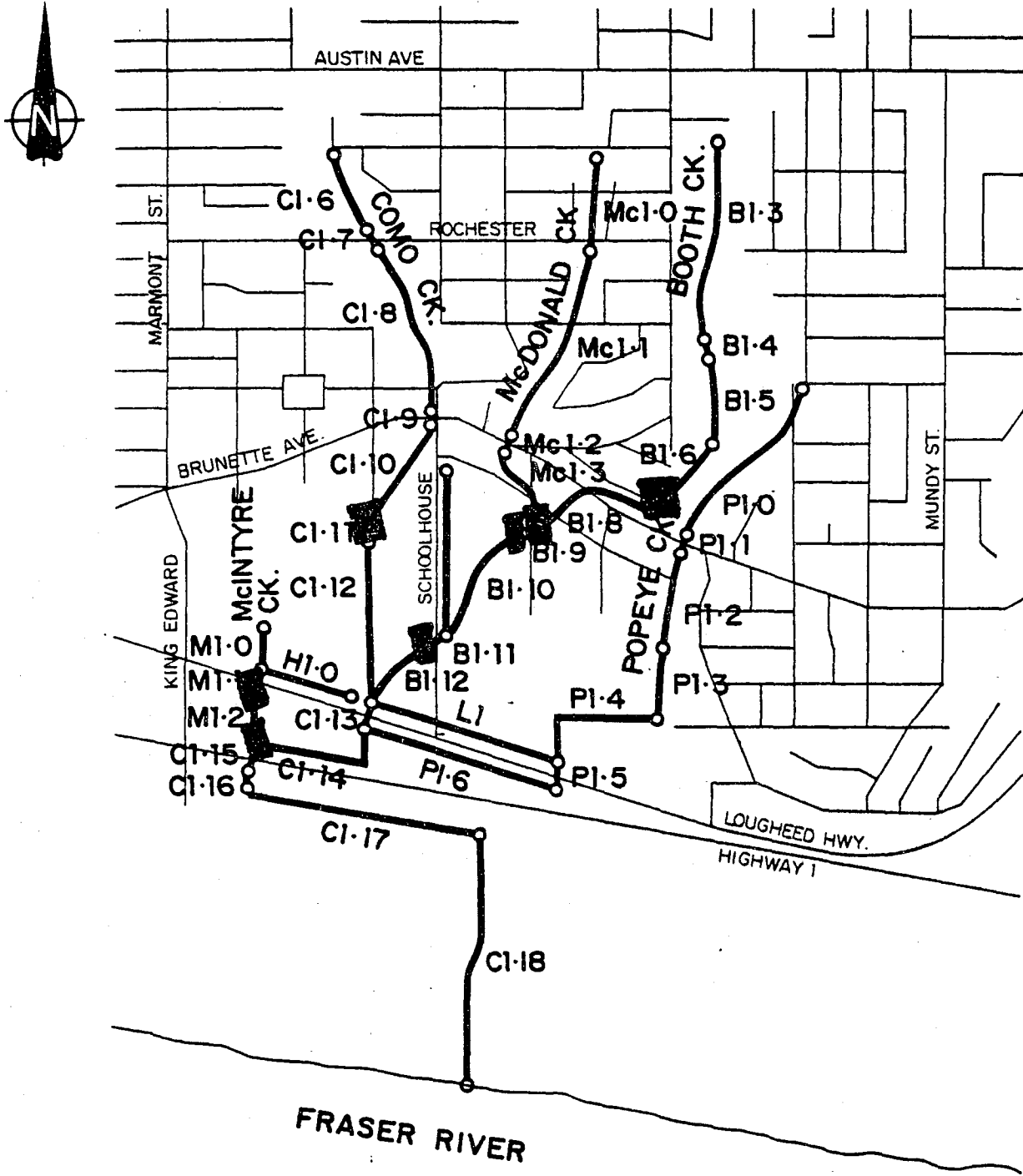


FIGURE 3 - DRAINAGE SYSTEM BRANCHES AND REACHES

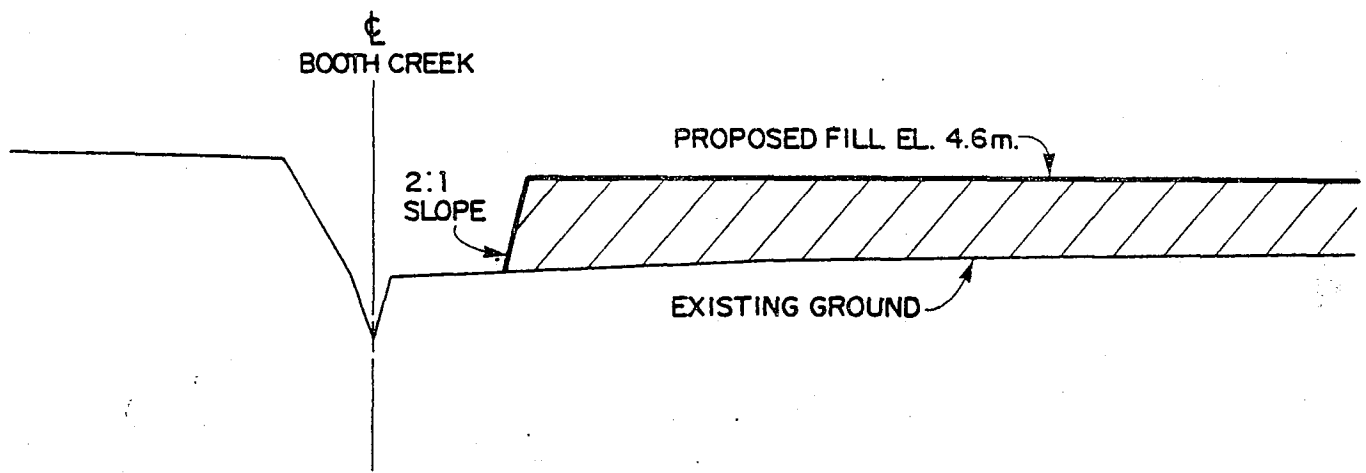


FIGURE 4 - TYPICAL CROSS SECTION OF BOOTH CREEK

DISTRICT OF COQUITLAM

Inter-Office Communication

J. L. Tonn
Municipal Manager

DEPARTMENT: Administration

DATE: 1987 Feb. 19

FROM: Neil Nyberg

DEPARTMENT: Engineering

YOUR FILE:

SUBJECT: REQUESTS FOR DRAINAGE ENCLOSURES
AND SUBSIDIES: 1987

OUR FILE: 05 01 03
01 03 06

FOR DRAINAGE COMMITTEE

Reference A. Letter d 1985 April 18 re 713 Edgar Avenue
B. Letter 05 01 03 d 1986 March 06: 250 Hart Street
C. Memo 1985 June 24 re: 432 Hickey Street.
D. Ditch Enclosure: Marathon Court

1.00 BACKGROUND

1.01 Each year, the Municipality receives requests to enclose ditches and water courses across private property. Under Section 3.0 of the Amending Bylaw 1254 to the Subdivision Control Bylaw No. 1023, the District may share with the owners the cost of certain components of the Municipal Drainage System. In other cases, however, property owners who want to eliminate existing water courses across their lots; or improve the subdivision potential of their lands, apply to the District for subsidy or improvement from public funds. Where these projects do not clearly fall under the Subdivision Control Bylaw stipulations, individual consideration of the applications is warranted.

1.02 There are three outstanding subsidy or enclosure requests:

- . 713 Edgar Avenue;
- . 250 Hart Street
- . 432 Hickey Street; and

2.00 DESCRIPTION2.01 713 Edgar Avenue

This application is for an upset cost of \$15,000 to enclose a storm sewer main across private lands. The enclosure would allow the owner to subdivide and otherwise improve the appearance and market value of the land. Reference A is attached. This application was considered at the Drainage Committee meeting of 1986 March 12 and transferred to the backlog of requests.

Requests for Drainage Enclosures and Subsidies: 1987

2.02 250 Hart Street

This application is for an estimated enclosure of 45 metres of open ditch across 250 Hart Street and relocation of a storm sewer outfall at an estimated cost of \$12,000. The enclosure would allow the owner to subdivide and otherwise improve the appearance and market value of the land. Reference B is attached. This application was previously transferred to the backlog of requests.

2.03 432 Hickey Street

This application is for an enclosure estimated to cost \$7,000. The owner of 432 Hickey has offered to pay \$4,000 towards enclosure. The enclosure would improve the appearance and market value of the land. This application was previously transferred to the backlog requests.

3.00 RECOMMENDATIONS

- 3.01 That the Drainage Committee review these applications for possible changes in status from the backlog of requests.



Neil Nyberg, P. Eng.
Municipal Engineer

NWN/mw
Attach.

Mr. & Mrs. Mike Simic
713 Edgar Avenue
Coquitlam, B.C.
V3K 2J3

Your File: 01 03 06

1986 12 02

District of Coquitlam
Municipal Hall
1111 Brunette Avenue
Coquitlam, B.C.
V3K 1E9

Attention: Mr. N.W. Nyberg, P. Eng.
Municipal Engineer

Dear Sir:

Re: 713 Edgar Avenue STORM SEWER TRUNK EXTENSION

NWN
DAL
F.R

W 1986 December 02
65 03 03 (2)

We have noticed recently that the District is doing some topographical survey in the front of our residence. If this survey is related to the Ditch Elimination Program on Edgar Avenue, we feel it is appropriate to call your attention to our proposal of Storm Sewer Trunk Extension through our property.

SIMIC ENGINEERING LTD. has done the design of the above mentioned storm sewer, and the design has been reviewed and approved by the District. Your staff or consultant who at present is preparing the design based on the survey should be aware of our intentions, and that we are in possession of an already approved design.

So far we have been informed that our proposal dated 1986:03:12 was presented to the District's Drainage Committee and it was transferred to the backlog of requests. We are a little surprised that the proposal has not been considered at all in the 1986 Amended Budget. We certainly hope you will include it in the coming 1987 year's budget.

If the survey on our street being carried out now, happens to be for the Ditch Elimination Program it would perhaps be more convenient through this project to secure the funds required for our proposal.

We would appreciate to be informed of the District's intentions as of when the funds will be available for the Subject Storm Trunk Sewer Extension, so that we may coordinate our input for this storm sewer installation.

Yours very truly,

M. Simic

MS/hs

H. Simic

H. Simic

Mr. & Mrs. Mike Simic
713 Edgar Avenue
Coquitlam, B.C.
V3K 2J3

1985 : 04 : 18

DISTRICT OF COQUITLAM
1111 Brunette Avenue
Coquitlam, B.C.
V3K 1E9

1985
District of Coquitlam
Administration

Attention: Mr. N. Nyberg, P. Eng.
Municipal Engineer.

Dear Sir,

Subject: 2 lot subdivision at 713 Edgar Ave., Coquitlam, B.C.
Storm Sewer.

This letter is a request to the Municipality for sharing of the costs of storm sewer trunk main extension through the subject subdivision.

Our intentions are, during the months of July and August, 1985, to proceed with the property subdivision according to plans approved by your department and prepared by SIMIC ENGINEERING.

The Municipality by-law No. 1254, 1982 enables the District to share with the owner the costs of storm sewer main when the following three conditions are met:

- a) The proposed storm sewer is part of the Municipal trunk system.
- b) The pipe diameter is larger than 600 mm and,
- c) The storm sewer services area outside the owner's lands.

Since the proposed storm sewer enclosure meets all three conditions, it is our belief that the Municipality is responsible for the costs of this storm main extension.

In the fall of 1984, the owner invited tenders to do this work. The lowest tendered price received, \$ 14,510.50 was from Tope Contracting Ltd. and the highest price was from Corside Construction Ltd. in the amount of \$ 24,000.00

Based on last fall's tenders it would be appropriate that the District's share would be set at an upset limit of \$ 15,000.00

ENGINEERING DEPT.		
COPIES TO:		
RECEIVED		
APR 22 1985		
CIRC.	INIT.	DATE
MMW	W	ES0413
LTS		

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see memo this file

As the owners we will contract the local trades, obtain all performance maintenance and liability bonds and insurances. We propose to keep records of all cost and provide the District with all copies of subsequent invoicing to substantiate the proposed costs.

In conclusion may we point out that the storm service for the proposed new lot could be serviced from the existing Storm Sewer on Edgar Avenue at nominal costs. The additional costs to enclose the Municipal Drainage System discharging through the property are considered an unreasonable hardship in terms of normal Subdivision Servicing.

In view of the foregoing we trust you will acknowledge our position and accept responsibility for the drainage-costs outlined in this letter of request.

Yours truly

John H. Simic

Mr. and Mrs. M. Simic
Owners.

Please submit three sets of your revised plan for our use.

Yours truly,

A. J. Edwards, Jr.
Assistant Municipal
Engineer

May 31, 1985.

Municipal Clerk,
Municipality of Coquitlam,
1111 Brunette Avenue,
Coquitlam, B. C.

Dear Sir:

Re: 250 Hart Street,
Coquitlam, B. C.
Lot 7 of Lot 2, Block 63,
D.L. 1, Plan 14596

My home is located at the above address, where I have lived for the past 15 years. A picture is enclosed.

When I first bought the house and moved to this area, a very small stream ran through the property but during the years numerous new duplexes and houses have been built here and the water run-off has become so severe that I now have a very large stream running through my property plus several small streams in various directions.

I am a senior citizen with no income other than my pension and I have no resources to rectify this water problem.

Numerous attempts have been made to sell the property but the transactions have all collapsed because of the water problems.

My house has become very old and too large for me now that my family is gone. It is also in need of repair, as you can see on the picture, but I have no resources to make the repairs so I would like to sell the property and move to a much smaller house in the country. However, because of the water run-off problem it appears

RECEIVED

JUN - 3 1985
District of Coquitlam
Administration

CLERKS REFERENCE NUMBER. 20

All Correspondence between Departments
or Council should carry this number.

Municipal Clerk

2.

impossible and I seem to be trapped here.

Could your Engineering Dep't. please look into this situation and see if something could be done to help me.

Thank you for your attention regarding this matter.

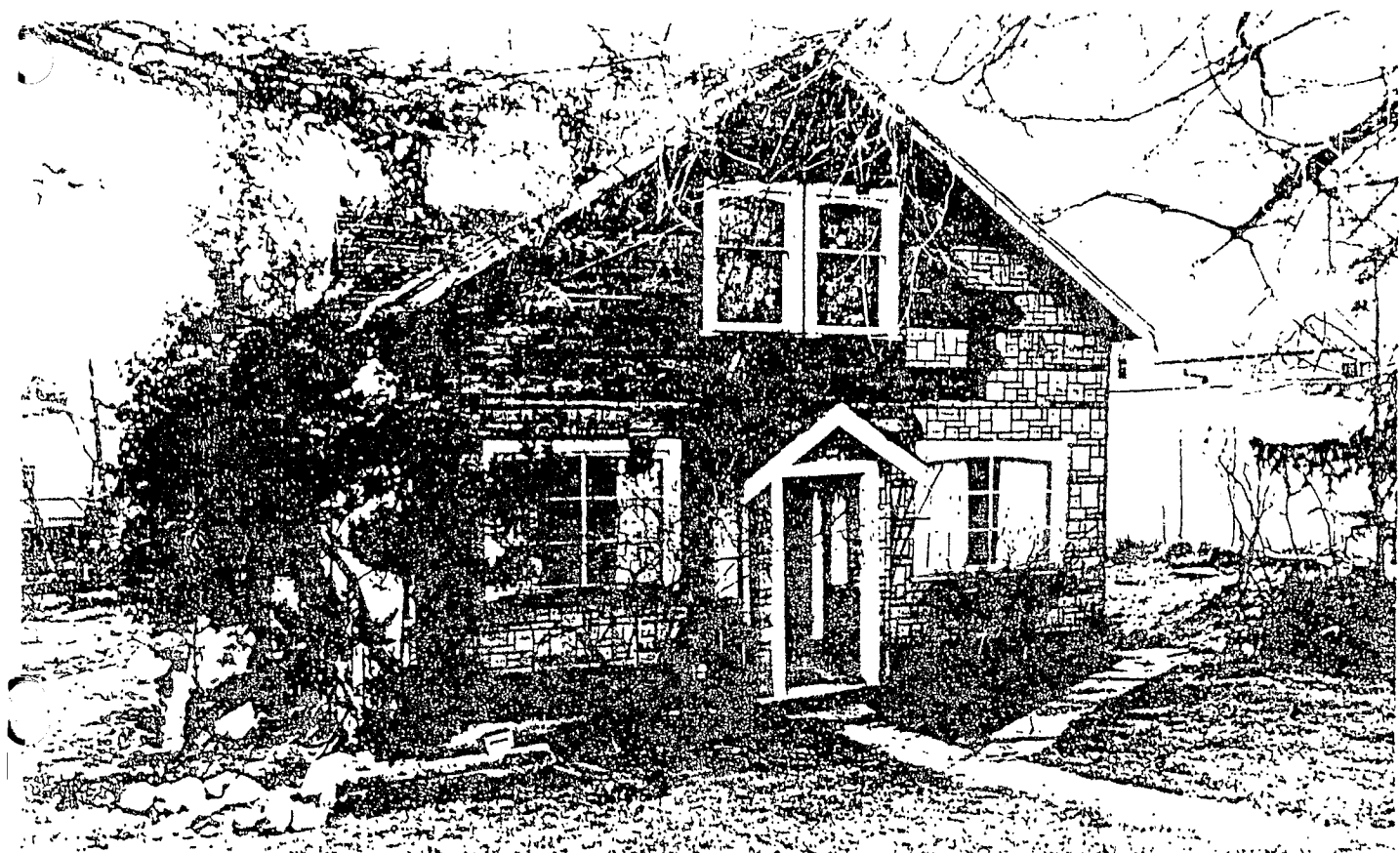
Yours truly,

Thelma L. Pipe

Thelma Pipe.

Encl.

THELMA L. PIPE
261 HART ST
COQUITLAM, B.C.
V3K 4A6



View of FRONT AND SOUTH SIDE OF SUBJECT HOUSE.

ENCL. 1-11-11
05-190
APR 16 1985
CIR. DATE
NWN

05-01-27

432-Hickey St.,
 Coquitlam
 B.C. V3K 5P1
 April 16/85
 Tel. 431-3293

Dear Mr. Nybert,

I have lived on this corner property for few years + I have a creek running behind my property. I have been checking the creek quite often + I feel that it's time something have to be done and I come to a conclusion that it should be covered up. The reasons are

- ① For the safety of my 2 children (4yrs + 6yrs) + other neighbourhood children which do sometime go down + play.
- ② With an open creek at the back + a busy road facing my house there don't leave much room for my children to play outside.
- ③ Soil erosion is evident + it's affecting my side. Moreover, part of my property is on the other side of the ~~property~~ creek + without crossing the creek I can't use it at all.
- ④ I have personally gone down

to the creek to pick up old tires + logs
few times + if the creek ~~cost~~ is
covered it will improve the appearance
of the neighbourhood.

I have talked to one of your
colleague Mr. Vic Fraser few weeks ago +
he visited my property. Yesterday
I have a conversation with him
through the phone + he is very
helpful. I don't mind paying for the
cost of covering up the creek if the
cost is reasonable.

I hope to hear from you soon.
Thank You.

Yours Sincerely
Guan L. Foo.

looks like 30 m

36" to 48"

15' to pick up.

4' to pick up.

remove 3 4 large trees - remove them