

Public Works and Transportation Committee

Date: Wednesday, January 19, 2000

Place: W.H. Anderson Room
Richmond City Hall

Present: Councillor Lyn Greenhill, Chair
Mayor Greg Halsey-Brandt
Councillor Ken Johnston

Absent: Councillor Derek Dang
Councillor Kiichi Kumagai

The Chair called the meeting to order at 4:00 p.m.

It was moved and seconded

That the agenda be varied: – Bylaw No. 7055 Boulevard Maintenance Bylaw, and – No. 6 Road Ditch – Westminster Highway to Steveston Highway, be moved to the beginning of the meeting.

CARRIED

+1. **MINUTES**

It was moved and seconded

That the minutes of the Public Works & Transportation Committee Meeting held on Wednesday, January 5th, 2000 be adopted as circulated.

ENGINEERING & PUBLIC WORKS DIVISION
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2. **BYLAW NO. 7055 – BOULEVARD MAINTENANCE BYLAW**

(Report: Nov. 26/99; File: 8060-20-7055; REDMS 121098, 96669, 115190)

Jeff Day, Director, Engineering, reviewed the staff report. He advised that the above report was a result of direction from the Public Works & Transportation Committee meeting of October 1999 and that the intent was to upgrade the bylaw. The focus was placed on two issues: to remove the negative aspect of the bylaw and to remove the reference to trees. He explained that the appeal process required obtaining a variance from Council. Mr. Day clarified that it was

the owner's responsibility to provide maintenance to the ditch area and that the area beyond the ditch was the City's responsibility.

Eric Gilfillan, Director, Operations, advised that traditionally, Richmond residents generally maintain these areas. The City maintains the core area three times annually and the more rural areas twice annually, due to lack of budget.

It was moved and seconded

That Bylaw No. 7055, which regulates modifications and maintenance of boulevards, be introduced and given first, second, and third reading.

CARRIED

3. **NO. 6 ROAD DITCH - WESTMINSTER HIGHWAY TO STEVESTON HIGHWAY**

(Report: Jan. 7/2000; File: 6045-07-01, REDMS 125367)

Mr. Jeff Day, Director, Engineering, reviewed the staff report. He advised that there are many areas throughout Richmond that require rehabilitation and that the highest priority had been given to protect the existing infrastructure. He noted that No. 6 Road falls into this category and requires stabilization until funding is available. Mr. Day highlighted the main changes to the original provisional 2000 Capital Program, including an increase in funding for equipment reserves, and software licensing.

Mr. Chuck Gale, General Manager, Engineering, drew the attention of Committee members to the proposal to build an amphitheatre at Riverport which had been addressed at the last Development Permit Panel Meeting. Parking was proposed immediately west of No. 6 Road. He expressed concern regarding the potential traffic volume in this area.

Mr. Day reviewed the 2000 Construction Program Drainage Projects for Committee members. Mr. E. Gilfillan provided further clarification on issues surrounding No. 8 Road, north of Westminster Hwy.

It was moved and seconded

That interim remedial measures proceed in 2000 for stabilizing erosion of the ditches along No. 6 Road by selective rip rap rock placement (as identified in the provisional 2000 Capital Program).

CARRIED

URBAN DEVELOPMENT DIVISION

4. **TRAFFIC CALMING ON RIVER DRIVE (NO. 4 ROAD TO SHELL ROAD) – RESULTS OF PUBLIC CONSULTATION**

(Report: Dec. 21/99; File: 6450-01; REDMS 123432, 118076)

Tegan Smith, Urban Development, reviewed the staff report. She advised that a survey done November 1999 regarding the introduction of landscaped, raised medians at the above site which was returned by 44% of the residents, all who were in support of the project. It was noted that the number of medians had

been increased from three to five, and that the cost had increased from \$85,000 to \$145,000.

It was moved and seconded

- (1) ***That the traffic calming measures proposed for River Drive (No. 4 Road to Shell Road), (as recommended in the report dated December 21st, 1999 from the Manager of Transportation), be endorsed for implementation as part the proposed Year 2000 Major Capital Works Program.***
- (2) ***That staff monitor the effectiveness of the proposed traffic calming measures on River Drive for one year and report to Council on the result of the monitoring program.***

CARRIED

5. **ST. ALBANS/GENERAL CURRIE AREA STREETScape ENHANCEMENT PILOT PROGRAM – FOLLOW-UP REPORT ON PROPOSED CURB EXTENSIONS NEAR ST. ALBANS ROAD**

(Report: Jan. 11/00; File: 6360-03-01; REDMS: 128448)

Tegan Smith, Urban Development, reviewed the staff report. She advised that the issue of curb extensions had been referred to staff for review. Staff have recommended that curb extensions not be included and that this would not significantly impact the project. She stated that plans have been made to place sidewalks within the two street segments to provide continuity and she further clarified the proposed plans for sidewalks within the area.

It was moved and seconded

1. ***That the design of the proposed St. Albans/General Currie Area streetscape enhancement project, as presented at the January 10, 2000 Council meeting, be revised by excluding the curb extensions on Jones Road and General Currie Road near St. Albans Road.***
2. ***That area residents be advised of the above revised design.***

CARRIED

DELEGATION

6. Anne Cameron, who resides at Second Avenue and Broadway Street in Steveston and whose property fronts on Broadway Street, was in attendance to make a presentation. She expressed concern regarding the ditch and pathway adjacent to her property, noting that this was difficult to maintain. She noted that the City did not maintain this area.

Mr. Gilfillan, Director, Operations, advised that all bylaws were enforced by complaint and assured Ms. Cameron that she would be contacted by staff who will address her problem.

7. **MANAGER'S REPORT**

a) **Memo dated November 8, 1999 regarding No. 5 Road Sanitary Sewer for Institutional Properties (Schedule A)**

Paul Lee, Manager, Engineering Planning, reviewed the above memo regarding the proposal to front end the cost of sewers by the Ling Yen Mountain Temple (LYMT). The proponents have recently met with the Mayor and staff and have discussed the placement of a new building to the south of the temple. It was noted that the applicants have procured an engineering firm for a preliminary topographical survey and conceptual design of the sanitary sewer. Mr. Lee stated that this matter was being reviewed by the General Manager of Finance and Corporate Services and that a report would be brought forward at the next Public Works and Transportation Committee meeting. Mr. Lee explained the layout of the sewer system for the surrounding area.

b) **Memo dated January 18, 2000 regarding Knight Street Bridge (Schedule B)**

Mr. Eric Gilfillan, Director, Operations reviewed the above memo which provided an update on the current status of the Knight Street Bridge. Mr. Steve McClurg, Manager, Water Services, referenced the success of a new portable water pipe system by the City of Vancouver and suggested that the City of Richmond consider obtaining and using such a system. It was noted that Translink had employed an engineering firm specializing in bridges with Canron Construction Group doing the work. He stated that, as of Monday, the emergency was considered over and that an action plan required to be developed.

c) **Highway 99 - HOV Project**

Carlos Rocha, Urban Development, provided information regarding the upcoming Highway 99 – HOV Project. He advised that funding had been received for the project, tender had been awarded to GCL Engineering, and construction will commence in February until July, 2000. He noted the areas of inclusion.

d) **Complaint regarding intersection at Westminster and Hamilton**

Staff had observed vehicles at the above intersection and had noted a problem with south bound vehicles cutting the corner where pedestrians are standing at a cross walk. It was suggested that an edge line could be painted. The Chair further explained the nature of the complaint and noted that the complainant had suggested that the traffic signal be placed on the south side of the intersection for increased visibility.

ADJOURNMENT

It was MOVED and SECONDED
That the meeting adjourn (4:45 p.m.)

CARRIED

Certified a true and correct copy of the Minutes of the meeting of the Public Works and Transportation Committee of the Council of the City of Richmond held on Wednesday, January 19, 2000.

Councillor Lyn Greenhill
Chair

Susan Kopeschry
Administrative Assistant



CITY OF RICHMOND
ENGINEERING & PUBLIC WORKS DIVISION

MEMORANDUM

TO: Mayor and Council
FROM: Paul H. Lee, P.Eng.
Manager, Engineering Planning
DATE: November 8, 1999
FILE: 6340-01
RE: No. 5 Road Sanitary Sewer for Institutional Zoned Properties

Please be informed that representatives for the Ling Yen Mountain Temple (LYMT) at No. 5 Road and Williams Road have now approached staff with a seemingly viable proposal (copy attached). This would see the LYMT phase and "front end" the cost for most of the required sewer works. LYMT hope to recover their costs by structuring a "latecomers" agreement and will be initiating discussions with other property owners along No. 5 Road, from Steveston Highway north to Blundell Road.

Staff are in the process of reviewing LYMT's proposal and will be preparing recommendations to the Public Works Committee shortly.

Staff are also aware that the India Cultural Centre of Canada have also approached member(s) of Council with respect to providing sanitary sewers to this same area. For Council's information, staff have prepared the attached preliminary cost estimates for providing a sanitary sewer collection system (based on the 1996 M.P.T. Engineering Co. Ltd.'s report). This estimate includes the necessary costs for upgrading the over capacity forcemain along Shell Road.

Please do not hesitate to contact the undersigned at local 4140 if you have any questions.

Paul H. Lee, P.Eng.
Manager, Engineering Planning

:phl
Att.

pc: George Duncan, Chief Administrative Officer
Chuck Gale, General Manager, Engineering & Public Works
David McLellan, General Manager, Urban Development
Jeff Day, P. Eng., Director, Engineering
Bill Jones, Supervisor, Infrastructure Planning
George Liew, C. Tech., Engineering Technician – Sanitary Sewer

Table 1 – Individual Property Cost Comparison: Frontage vs. Acreage

Address	Frontage	\$Cost/m	Total		Acres	\$/Ac.	Total
12100 Blundell Rd.	45.73	1076.3	\$ 49,219	vs.	4.781	13757.8	\$ 65,776
12180 Blundell Rd	25.91	1076.3	\$ 27,887		0.488	13757.8	\$ 6,714
12200 Blundell Rd.	80.12	1076.3	\$ 86,233		1.508	13757.8	\$ 20,747
12260 Blundell Rd	26.21	1076.3	\$ 28,210		0.494	13757.8	\$ 6,796
12280 Blundell Rd.	25.6	1076.3	\$ 27,553		0.231	13757.8	\$ 3,178
12300 Blundell Rd.	40.69	1076.3	\$ 43,795		4.781	13757.8	\$ 65,776
8040 No. 5 Rd.	30.48	1076.3	\$ 32,806		0.996	13757.8	\$ 13,703
8100 No. 5 Rd.	41.45	1076.3	\$ 44,613		2.704	13757.8	\$ 37,201
8140 No. 5 Rd.	35.05	1076.3	\$ 37,724		2.287	13757.8	\$ 31,464
8160 No. 5 Rd.	38.25	1076.3	\$ 41,168		2.496	13757.8	\$ 34,340
8200 No. 5 Rd.	38.25	1076.3	\$ 41,168		2.496	13757.8	\$ 34,340
8240 No. 5 Rd.	36.75	1076.3	\$ 39,554		2.403	13757.8	\$ 33,060
8280 No. 5 Rd.	39.81	1076.3	\$ 42,848		2.598	13757.8	\$ 35,743
8320 No. 5 Rd.	100.84	1076.3	\$ 108,534		8.268	13757.8	\$ 113,750
8480 No. 5 Rd.	70.1	1076.3	\$ 75,449		0.844	13757.8	\$ 11,612
8580 No. 5 Rd.	60.3	1076.3	\$ 64,901		9.8	13757.8	\$ 134,827
8600 No. 5 Rd. India Cultural Centre	113.62	1076.3	\$ 122,289		9.794	13757.8	\$ 134,744
8720 No. 5 Rd.	76.81	1076.3	\$ 82,671		10.625	13757.8	\$ 146,177
8760 No. 5 Rd.	56.69	1076.3	\$ 61,015		2.349	13757.8	\$ 32,317
8840 No. 5 Rd.	24.38	1076.3	\$ 26,240		0.249	13757.8	\$ 3,426
9220 No. 5 Rd.	250.23	1076.3	\$ 269,323		20.774	13757.8	\$ 285,805
9360 No. 5 Rd.	143.07	1076.3	\$ 153,986		11.772	13757.8	\$ 161,957
9500 No. 5 Rd.	386.07	1076.3	\$ 415,527		31.147	13757.8	\$ 428,515
10060 No. 5 Rd. Ling Yen Mtn. Temple	55.11	1076.3	\$ 59,315		4.916	13757.8	\$ 67,633
10100 No. 5 Rd. Ling Yen Mtn. Temple	170.44	1076.3	\$ 183,445		17.803	13757.8	\$ 244,931
10160 No. 5 Rd.	69.13	1076.3	\$ 74,405		4.004	13757.8	\$ 55,086
10260 No. 5 Rd.	67.79	1076.3	\$ 72,962		5.021	13757.8	\$ 69,078
10300 No. 5 Rd.	25.61	1076.3	\$ 27,564		0.5	13757.8	\$ 6,879
10320 No. 5 Rd.	175.26	1076.3	\$ 188,632		8.293	13757.8	\$ 114,094
10620 No. 5 Rd.	35.93	1076.3	\$ 38,671		0.419	13757.8	\$ 5,765
10640 No. 5 Rd.	30.48	1076.3	\$ 32,806		0.344	13757.8	\$ 4,733
10800 No. 5 Rd.	99.2	1076.3	\$ 106,769		21.116	13757.8	\$ 290,510
12011 Steveston Hwy.	65.06	1076.3	\$ 70,024		0.917	13757.8	\$ 12,616

The total estimated cost to provide sanitary sewer, including upgrading the Shell Road forcemain, is approximately \$2.7M. This estimate does not include G.S.T. (net 3%) or engineering/project management (say 15%).

The approximate cost per property, based on the number of connections, is \$80,800.00.



CITY OF RICHMOND
ENGINEERING & PUBLIC WORKS DIVISION

MEMORANDUM

TO: Mayor and Council
FROM: Steve McClurg
Manager, Water Services

DATE: January 18, 2000
FILE: 6650-05

RE: Knight Street Bridge

This information memo is intended to update you on the current status of the Knight Street Bridge accident. A crane being towed on a barge collided with the bridge deck on the afternoon of Saturday, January 15, 2000. This collision resulted in significant damage to Mitchell Island's sole source watermain, which is suspended underneath the bridge deck as well as, to the natural gas supply mainline and access catwalk.

The damage to the watermain was significant enough to require its removal from service. The City of Vancouver supplied the installation of a temporary above ground emergency watermain system. This action was necessary to maintain an adequate water supply to Mitchell Island. Attached are pictures of the emergency supply system.

Translink is the owner of the bridge and has contracted all repairs to private companies who have the expertise to work at this height. This has been done with the approval of the City of Richmond and BC Hydro. Recent completion estimates have been set at 2 to 3 weeks, depending on the availability of materials.

Any general public or media enquires can be directed to Steve McClurg at 244-1209 (Cellular 817-5581) or Gail Tremeer at 276-4371 (Cellular 970-4302).

Steve McClurg
Manager, Water Services

SM:sm

Att.:1

pc: Chuck Gale, P. Eng., General Manager, Engineering &
Public Works
Eric G. Gilfillan, Director, Operations

