



# Corporate Report

NO: R230

COUNCIL DATE: November 20, 2006

---

## REGULAR COUNCIL

TO: Mayor & Council DATE: October 13, 2006  
FROM: General Manager, Engineering PROJECT FILE: 1206-903  
SUBJECT: Local Area Service Water Main Extension  
168 Street from 40 Avenue to 48 Avenue

---

## RECOMMENDATIONS

The Engineering Department recommends that Council:

1. Establish a Local Area Service (LAS) Watermain Extension to provide water supply to the properties on 168 Street from 4843 to 16830, and on 40 Avenue from 168 Street to 4136, as formally petitioned, for an estimated cost of \$577,000 for all the properties within the benefiting area. The costs will be 100% recovered by the local service tax and will be apportioned by the frontage of each property in accordance with the Local Area Service Policy R-6, when final costs are determined.
2. Introduce for adoption the corresponding Local Area Service By-law.

## INTENT

To fulfill petitioners' request for a water main extension.

## DISCUSSION

Property owners on 168 Street from 4843 to 16830 and on 40 Avenue from 168 Street to 4136 (see attached sketch) have petitioned Council to extend the water distribution system. The petition has been certified to be 'sufficient' in accordance with the Community Charter. (A copy of the City Clerk's certificate is attached.)

The costs of the watermain extension have been estimated at \$577,000.00 and will be shared among the properties within the benefiting area based on the frontage of each property as per the City's Local Area Service Policy.

There are sufficient funds in the Water Capital LAS Program to cover the costs for the private properties within the LAS benefiting area.

Paul Ham, P.Eng.  
General Manager, Engineering

SM/brb  
Attachment

- c.c. - General Manager, Finance, Technology & HR Dept.
- City Clerk
- Local Area Service Clerk

## CITY OF SURREY

## ENGINEER'S REPORT (\*)

**LOCAL AREA SERVICE - WATER MAIN EXTENSION**  
**By FORMAL PETITION**

Pursuant to Section 212 of the Community Charter, I wish to advise in regard to the following work resolved to be undertaken as a Local Area Service.

Location: Water Main Extension on 168 Street from 40 Avenue to 48 Avenue, as shown in the Appendix A.

Total Estimated Cost	\$ 577,000(*)
LAS Watermain Extension Estimated Cost Share	\$168,750.33
Total Frontage of the Properties in the Local Service Area	3,200.37 l.m.
Cost Per Linear Metre for the LAS Cost Share	\$180.29
Amortization Period	15 years
Annual Interest Rate	7.5%(*)

**Cost Distribution**

Address		Adjusted Frontage	Total Costs Per Lot	Annual payment over 15 years
House	Road			
4843	168 Street	66.69	\$12,023.67	\$1,233.77
4806	168 Street	97.08	\$17,502.92	\$1,796.01
4766	168 Street	188.51	\$33,986.82	\$3,487.45
4636	168 Street	219.69	\$39,608.32	\$4,064.28
4623	168 Street	805.60	\$145,243.14	\$14,903.66
4538	168 Street	160.95	\$29,017.98	\$2,977.59
4444	168 Street	218.76	\$39,440.65	\$4,047.08
4412	168 Street	162.48	\$29,293.82	\$3,005.89
4386	168 Street	203.40	\$36,671.37	\$3,762.92
4317	168 Street	213.55	\$38,501.33	\$3,950.69
4286	168 Street	179.39	\$32,341.84	\$3,318.65
4279	168 Street	55.72	\$10,045.86	\$1,030.82
4233	168 Street	182.60	\$32,921.30	\$3,378.11
4220	168 Street	167.27	\$30,157.06	\$3,094.47
4136	168 Street	94.01	\$16,949.24	\$1,739.19

Address		Adjusted Frontage	Total Costs Per Lot	Annual payment over 15 years
House	Road			
16825	40 Avenue	44.80	\$8,077.08	\$828.80
16819	40 Avenue	35.08	\$6,324.64	\$648.98
16820	40 Avenue	104.79	\$18,892.79	\$1,938.62
		<b>3,200.37</b>	<b>\$577,000.00</b>	

(\*) All costs are estimates only. A revised Engineer's Report with the actual cost and the appropriate interest rate for amortization will be prepared upon completion of the work.