

NO: **R093**

COUNCIL DATE: **May 7, 2012**

REGULAR COUNCIL

TO: **Mayor & Council**

DATE: **May 1, 2012**

FROM: **General Manager, Engineering
General Manager, Finance and Technology**

FILE: **4709-903**

SUBJECT: **Local Area Service - Steep Grade Gravity Sanitary Sewer System for West
Bridgeview- Final Costs and Apportionment – By-law No. 17000**

RECOMMENDATION

The Engineering Department and the Finance & Technology Department recommend that Council:

1. Approve amendments to “Local Area Service Bridgeview West Cell Steep Grade Gravity Sanitary Sewer System [Project # 4709-903] By-law, 2009, No. 17000”, to reflect the final costs of construction of the works covered by the By-law and the apportionment thereof to the benefitting properties, all as detailed in Appendix II of this report; and
2. Authorize the City Clerk to bring forward the necessary amendment By-law attached as Appendix I, for the required readings and adoption by City Council.

INTENT

The purpose of this report is to provide information about the final project costs related to the “Bridgeview West Cell Steep Grade Gravity Sanitary Sewer System [Project # 4709-903] By-law, 2009, No. 17000”, which acts to apportion those costs to the benefitting properties and to obtain Council approval to bring forward amendments to the By-law to reflect the final costs of the project works.

DISCUSSION

At its Regular meeting on July 13, 2009 Council approved the recommendations of Corporate Report No. R120;2009, in effect approving the use of a Local Area Service (LAS) initiative as the means by which to finance the replacement of the existing Vacuum Sewer System (VSS) with a steep grade gravity system in the West Bridgeview Area. The West Bridgeview Area is illustrated in Appendix III. Council at that meeting approved the recommendations of the report.

Following approval by Council of the recommendations and based on the success of the petition process, which is a necessary part of the LAS procedures, Council approved the LAS by Council Resolution No. R09-1674. “Local Area Service Bridgeview West Cell Steep Grade Gravity Sanitary Sewer System [Project # 4709-903] By-law, 2009, No. 17000” was given readings in accordance with this resolution of Council.

The construction work is now complete and the total project costs have now been accurately determined. The project costs are consistent with the original estimates that were provided to the owners of the benefitting properties.

In April 2009 the City received a \$5.67 million grant under the BC Build Canada Infrastructure Program, being two-thirds of the estimated cost to build the replacement steep grade gravity sewer system in the subject Area.

Based on the Completion Certificate, attached as Appendix IV to this report, the total project cost is \$7,015,126.02. The maximum allowable funding from the BC Build Canada Infrastructure Program is two-thirds of the total project cost, which represents a total of \$4,676,750.68, which is available through the above-referenced grant. The remaining \$2,338,375.43, which represents 33.33% of the total project cost, will be funded through the LAS By-law.

The remaining \$990,077.63 from the BC Build Canada Infrastructure Program grant was applied toward the construction of a replacement low pressure sewer system in an adjacent area of Bridgeview.

Appendix II summarizes how the costs of the project are being apportioned to the benefitting properties.

Amendment By-law Required:

The “Local Area Service Bridgeview West Cell Steep Grade Gravity Sanitary Sewer System [Project # 4709-903] By-law, 2009, No. 17000”, needs to be amended to reflect the change in the expected recoveries from benefitting properties, as described in the previous section of this report. In this regard, it is recommended that an amendment by-law, a copy of which is attached as Appendix I to this report, be brought forward for the required readings and adoption.

Future Replacement Works in Bridgeview

There are three more phases in relation to the completion of the sewer system replacement in Bridgeview as follows:

Phase	Description	Schedule
2	Replacement of the remaining West Cell vacuum sewer area and all the areas affected by the South Fraser Perimeter Road	To be initiated in 2012, and completed in 2013
3	Replacement of the East Cell vacuum sewer area with a low pressure system on 115A and 115B Avenues	To be established in the next 5 years or earlier should external funding materialize
4	Replacement of the remaining East Cell vacuum sewer area with Steep Grade Sewer System	To be established in the next 5 years or earlier should external funding materialize

The areas to which the above-referenced phases apply are illustrated on the map attached as Appendix V to this report.

Staff is preparing a Corporate Report to forward for Council's consideration in the next few weeks that will recommend the initiation of the Phase 2 replacement works. Staff is attempting to secure funding from other orders of government to accelerate the works related to Phases 3 and 4, respectively.

The completion of the Phase 2 works will allow for the decommissioning of the west cell vacuum sewer, which will result in significant operational savings to the sewer utility. The completion of Phases 3 and 4 will allow for the decommissioning of the east cell vacuum sewer, which will result in further annual operational savings for the utility.

Vivienne Wilke, CGA
General Manager,
Finance & Technology

Vincent Lalonde, P.Eng.
General Manager,
Engineering

JA/RL/brb

- Appendix I - By-law No. 17629 Amending "Local Area Service Bridgeview West Cell Steep Grade Gravity Sanitary Sewer System [Project # 4709-903] By-law, 2009, No. 17000"
- Appendix II - Cost Apportionment Report
- Appendix III - Local Area Service Map
- Appendix IV - Completion Certificate
- Appendix V - Bridgeview Vacuum Sewer Replacement System - Phasing

APPENDIX I

CITY OF SURREY

BY-LAW NO. 17629

A by-law to amend the provisions of "Local Area Service Bridgeview West Cell Steep Grade Gravity Sanitary Sewer System [Project # 4709-903] By-law, 2009, No. 17000".

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The Council of the City of Surrey, in open meeting assembled, ENACTS AS FOLLOWS:

1. "Local Area Service Bridgeview West Cell Steep Grade Gravity Sanitary Sewer System [Project # 4709-903] By-law, 2009, No. 17000" is hereby amended as follows:

Appendix II is deleted in its entirety and new Appendix II Engineer's Report, Final Costs & Apportionment, attached hereto and forming a part of this by-law, is inserted in its place.

2. This By-law shall be cited for all purposes as "Local Area Service Bridgeview West Cell Steep Grade Gravity Sanitary Sewer System [Project # 4709-903] By-law, 2009, No. 17000, Amendment By-law, 2012, No. 17629".

PASSED FIRST READING on the _____ day of _____, 2012.

PASSED SECOND READING on the _____ day of _____, 2012.

PASSED THIRD READING on the _____ day of _____, 2012.

RECONSIDERED AND FINALLY ADOPTED, signed by the Mayor and Clerk, and sealed with the Corporate Seal on the _____ day of _____, 2012.

_____ MAYOR

_____ CLERK



ENGINEER'S REPORT - FINAL COST & APPORTIONMENT
LOCAL AREA SERVICE
WEST BRIDGEVIEW STEEP GRADE GRAVITY SEWER SYSTEM
PROJECT 4709-903

On COUNCIL INITIATIVE - SUBJECT TO PETITION AGAINST

Pursuant to Section 16 of the "Local Area Service Bridgeview West Cell Steep Grade Gravity Sanitary Sewer System [Project # 4709-903] By-law, 2009, No. 17000", the following provides the final costs and apportionment thereof.

Work: Bridgeview West Cell Steep Grade Sewer System to replace the existing vacuum sewer.

Location: West Bridgeview in the area roughly bounded by South Fraser Perimeter Road, 124 Street, King George Boulevard and 126A Street as shown highlighted in Appendix I to this by-law.

Total Cost	\$7,015,126.02
City's Contribution to the Project	1/3
Total Costs for System Replacement	\$6,171,989.88
Total Area of the Properties in the Local Service Area (Square metre)	179,961.90
Cost per Square Metre for System Replacement Tax Component (one -third recovery)	\$11.43
Total Costs for Service Connections	\$843,136.14
Number of Properties in Local Service Area	217
Cost per Service Connection (one-third recovery)	\$1,295.14
Amortization Period	15 years
Annual Interest Rate	5.70%

Cost Contribution

	Address			Lot Area (sq.m)	SGS Share System Extension	Service Connection Costs	Total Cost per Lot	Annual Payment over a 15 year Term
	House	Road	PID					
1	12561	112A AVE	000-676-144	1,498.76	\$17,133.82	\$1,295.14	\$18,428.96	\$1,860.48
2	12562	112A AVE	003-718-719	4,486.51	\$51,289.92	\$1,295.14	\$52,585.06	\$5,308.68
3	12579	112A AVE	012-611-107	749.05	\$8,563.19	\$1,295.14	\$9,858.33	\$995.24
4	12589	112A AVE	012-611-093	744.04	\$8,505.84	\$1,295.14	\$9,800.98	\$989.45
5	12599	112A AVE	012-611-085	744.59	\$8,512.22	\$1,295.14	\$9,807.36	\$990.09
6	12607	112A AVE	012-611-077	749.05	\$8,563.19	\$1,295.14	\$9,858.33	\$995.24
7	12615	112A AVE	010-232-427	749.05	\$8,563.19	\$1,295.14	\$9,858.33	\$995.24
8	12629	112A AVE	010-865-021	744.59	\$8,512.22	\$1,295.14	\$9,807.36	\$990.09
9	12662	112A AVE	011-161-779	1,496.35	\$17,106.30	\$1,295.14	\$18,401.44	\$1,857.70
10	12412	113 AVE	012-611-611	863.13	\$9,867.37	\$1,295.14	\$11,162.51	\$1,126.90
11	12419	113 AVE	012-611-573	743.48	\$8,499.47	\$1,295.14	\$9,794.61	\$988.81
12	12424	113 AVE	012-611-620	749.05	\$8,563.19	\$1,295.14	\$9,858.33	\$995.24
13	12427	113 AVE	012-611-549	744.59	\$8,512.22	\$1,295.14	\$9,807.36	\$990.09
14	12430	113 AVE	001-673-793	744.04	\$8,505.84	\$1,295.14	\$9,800.98	\$989.45
15	12441	113 AVE	009-761-217	680.03	\$7,774.10	\$1,295.14	\$9,069.24	\$915.58
16	12442	113 AVE	007-975-635	749.61	\$8,569.57	\$1,295.14	\$9,864.71	\$995.88
17	12451	113 AVE	009-761-225	680.03	\$7,774.10	\$1,295.14	\$9,069.24	\$915.58
18	12452	113 AVE	008-765-766	753.51	\$8,614.17	\$1,295.14	\$9,909.31	\$1,000.39
19	12460	113 AVE	012-611-646	749.61	\$8,569.57	\$1,295.14	\$9,864.71	\$995.88
20	12461	113 AVE	009-761-241	680.03	\$7,774.10	\$1,295.14	\$9,069.24	\$915.58
21	12470	113 AVE	011-140-488	743.29	\$8,497.35	\$1,295.14	\$9,792.49	\$988.59
22	12471	113 AVE	002-959-747	940.71	\$10,754.17	\$1,295.14	\$12,049.31	\$1,216.43
23	12484	113 AVE	005-354-641	727.87	\$8,321.05	\$1,295.14	\$9,616.19	\$970.79
24	12485	113 AVE	005-354-668	711.61	\$8,135.19	\$1,295.14	\$9,430.33	\$952.03
25	12492	113 AVE	005-354-625	828.39	\$9,470.17	\$1,295.14	\$10,765.31	\$1,086.80
26	12493	113 AVE	005-354-773	840.93	\$9,613.55	\$1,295.14	\$10,908.69	\$1,101.28
27	12498	113 AVE	005-354-595	701.12	\$8,015.18	\$1,295.14	\$9,310.32	\$939.91
28	12499	113 AVE	005-354-820	701.12	\$8,015.18	\$1,295.14	\$9,310.32	\$939.91
29	12510	113 AVE	005-354-561	694.52	\$7,939.78	\$1,295.14	\$9,234.92	\$932.30
30	12515	113 AVE	005-354-854	694.06	\$7,934.47	\$1,295.14	\$9,229.61	\$931.77
31	12522	113 AVE	005-354-544	696.01	\$7,956.77	\$1,295.14	\$9,251.91	\$934.02
32	12525	113 AVE	005-354-871	698.42	\$7,984.38	\$1,295.14	\$9,279.52	\$936.81
33	12530	113 AVE	005-354-528	696.10	\$7,957.83	\$1,295.14	\$9,252.97	\$934.12
34	12533	113 AVE	005-354-897	696.10	\$7,957.83	\$1,295.14	\$9,252.97	\$934.12
35	12538	113 AVE	005-354-498	694.24	\$7,936.59	\$1,295.14	\$9,231.73	\$931.98
36	12539	113 AVE	005-354-927	696.10	\$7,957.83	\$1,295.14	\$9,252.97	\$934.12
37	12544	113 AVE	005-354-471	696.75	\$7,965.27	\$1,295.14	\$9,260.41	\$934.88
38	12547	113 AVE	005-354-951	696.10	\$7,957.83	\$1,295.14	\$9,252.97	\$934.12
39	12563	113 AVE	001-313-436	744.59	\$8,512.22	\$1,295.14	\$9,807.36	\$990.09
40	12570	113 AVE	012-610-984	749.61	\$8,569.57	\$1,295.14	\$9,864.71	\$995.88

	Address			Lot Area (sq.m)	SGS Share System Extension	Service Connection Costs	Total Cost per Lot	Annual Payment over a 15 year Term
	House	Road	PID					
41	12573	113 AVE	012-610-968	748.50	\$8,556.82	\$1,295.14	\$9,851.96	\$994.60
42	12580	113 AVE	012-610-992	744.04	\$8,505.84	\$1,295.14	\$9,800.98	\$989.45
43	12583	113 AVE	012-610-933	749.61	\$8,569.57	\$1,295.14	\$9,864.71	\$995.88
44	12587	113 AVE	012-610-895	744.04	\$8,505.84	\$1,295.14	\$9,800.98	\$989.45
45	12590	113 AVE	012-611-000	749.05	\$8,563.19	\$1,295.14	\$9,858.33	\$995.24
46	12598	113 AVE	012-611-018	749.61	\$8,569.57	\$1,295.14	\$9,864.71	\$995.88
47	12601	113 AVE	012-010-421	744.04	\$8,505.84	\$1,295.14	\$9,800.98	\$989.45
48	12608	113 AVE	012-611-026	744.04	\$8,505.84	\$1,295.14	\$9,800.98	\$989.45
49	12609	113 AVE	004-298-608	749.05	\$8,563.19	\$1,295.14	\$9,858.33	\$995.24
50	12617	113 AVE	012-610-291	749.05	\$8,563.19	\$1,295.14	\$9,858.33	\$995.24
51	12618	113 AVE	008-376-883	744.04	\$8,505.84	\$1,295.14	\$9,800.98	\$989.45
52	12620	113 AVE	012-611-034	749.61	\$8,569.57	\$1,295.14	\$9,864.71	\$995.88
53	12629	113 AVE	000-470-872	744.04	\$8,505.84	\$1,295.14	\$9,800.98	\$989.45
54	12637	113 AVE	002-181-720	749.61	\$8,569.57	\$1,295.14	\$9,864.71	\$995.88
55	12638	113 AVE	012-611-051	748.50	\$8,556.82	\$1,295.14	\$9,851.96	\$994.60
56	12646	113 AVE	007-521-332	744.59	\$8,512.22	\$1,295.14	\$9,807.36	\$990.09
57	12649	113 AVE	005-693-039	748.50	\$8,556.82	\$1,295.14	\$9,851.96	\$994.60
58	12656	113 AVE	002-465-540	749.61	\$8,569.57	\$1,295.14	\$9,864.71	\$995.88
59	12659	113 AVE	002-492-351	744.59	\$8,512.22	\$1,295.14	\$9,807.36	\$990.09
60	12666	113 AVE	012-779-059	753.51	\$8,614.17	\$1,295.14	\$9,909.31	\$1,000.39
61	12669	113 AVE	002-296-365	743.48	\$8,499.47	\$1,295.14	\$9,794.61	\$988.81
62	12421	113B AVE	011-226-196	577.00	\$6,596.30	\$1,295.14	\$7,891.44	\$796.67
63	12426	113B AVE	012-611-425	754.07	\$8,620.54	\$1,295.14	\$9,915.68	\$1,001.03
64	12431	113B AVE	011-226-226	576.91	\$6,595.24	\$1,295.14	\$7,890.38	\$796.57
65	12436	113B AVE	012-611-506	749.05	\$8,563.19	\$1,295.14	\$9,858.33	\$995.24
66	12439	113B AVE	012-611-379	744.69	\$8,513.28	\$1,295.14	\$9,808.42	\$990.20
67	12446	113B AVE	002-717-867	749.61	\$8,569.57	\$1,295.14	\$9,864.71	\$995.88
68	12451	113B AVE	000-603-651	743.48	\$8,499.47	\$1,295.14	\$9,794.61	\$988.81
69	12454	113B AVE	002-212-129	753.51	\$8,614.17	\$1,295.14	\$9,909.31	\$1,000.39
70	12459	113B AVE	012-611-361	749.61	\$8,569.57	\$1,295.14	\$9,864.71	\$995.88
71	12460	113B AVE	012-611-522	754.72	\$8,627.98	\$1,295.14	\$9,923.12	\$1,001.78
72	12469	113B AVE	012-610-941	749.61	\$8,569.57	\$1,295.14	\$9,864.71	\$995.88
73	12470	113B AVE	002-312-484	754.72	\$8,627.98	\$1,295.14	\$9,923.12	\$1,001.78
74	12478	113B AVE	001-925-598	659.13	\$7,535.14	\$1,295.14	\$8,830.28	\$891.45
75	12481	113B AVE	007-468-466	744.04	\$8,505.84	\$1,295.14	\$9,800.98	\$989.45
76	12486	113B AVE	001-925-628	659.78	\$7,542.58	\$1,295.14	\$8,837.72	\$892.20
77	12491	113B AVE	012-610-925	744.04	\$8,505.84	\$1,295.14	\$9,800.98	\$989.45
78	12494	113B AVE	001-925-644	660.33	\$7,548.95	\$1,295.14	\$8,844.09	\$892.85
79	12505	113B AVE	005-085-365	749.61	\$8,569.57	\$1,295.14	\$9,864.71	\$995.88
80	12508	113B AVE	001-925-661	659.78	\$7,542.58	\$1,295.14	\$8,837.72	\$892.20
81	12511	113B AVE	007-499-019	749.05	\$8,563.19	\$1,295.14	\$9,858.33	\$995.24

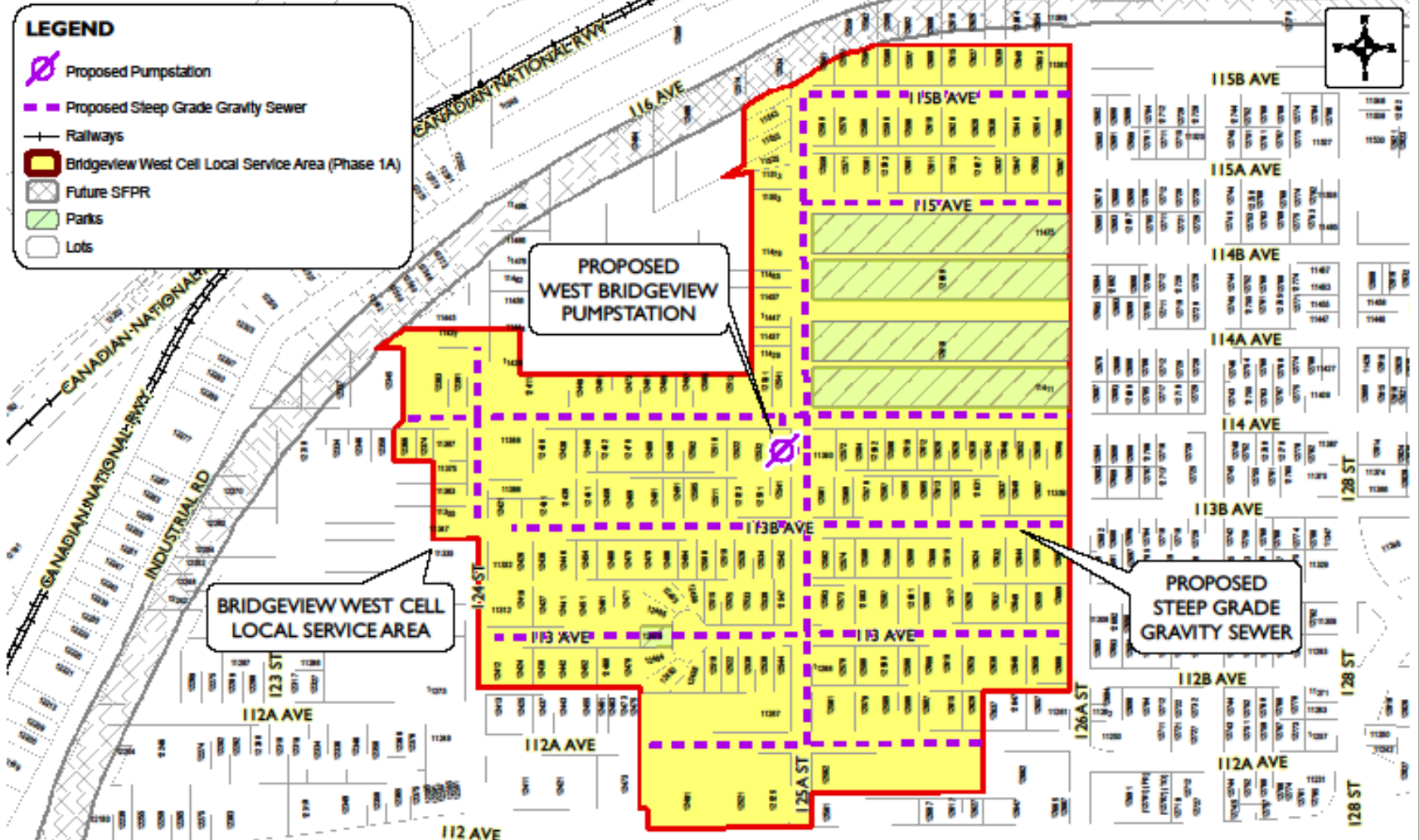
	Address			Lot Area (sq.m)	SGS Share System Extension	Service Connection Costs	Total Cost per Lot	Annual Payment over a 15 year Term
	House	Road	PID					
82	12518	113B AVE	001-925-687	661.17	\$7,558.51	\$1,295.14	\$8,853.65	\$893.81
83	12523	113B AVE	012-610-887	744.04	\$8,505.84	\$1,295.14	\$9,800.98	\$989.45
84	12526	113B AVE	001-925-695	659.78	\$7,542.58	\$1,295.14	\$8,837.72	\$892.20
85	12531	113B AVE	012-610-861	749.05	\$8,563.19	\$1,295.14	\$9,858.33	\$995.24
86	12534	113B AVE	001-925-709	660.33	\$7,548.95	\$1,295.14	\$8,844.09	\$892.85
87	12541	113B AVE	012-610-828	749.61	\$8,569.57	\$1,295.14	\$9,864.71	\$995.88
88	12542	113B AVE	001-925-717	659.78	\$7,542.58	\$1,295.14	\$8,837.72	\$892.20
89	12561	113B AVE	009-723-501	744.04	\$8,505.84	\$1,295.14	\$9,800.98	\$989.45
90	12562	113B AVE	010-728-368	749.61	\$8,569.57	\$1,295.14	\$9,864.71	\$995.88
91	12569	113B AVE	009-723-536	680.40	\$7,778.35	\$1,295.14	\$9,073.49	\$916.01
92	12574	113B AVE	010-728-376	743.48	\$8,499.47	\$1,295.14	\$9,794.61	\$988.81
93	12579	113B AVE	009-723-561	680.96	\$7,784.72	\$1,295.14	\$9,079.86	\$916.65
94	12580	113B AVE	012-609-978	744.59	\$8,512.22	\$1,295.14	\$9,807.36	\$990.09
95	12587	113B AVE	009-723-595	676.40	\$7,732.68	\$1,295.14	\$9,027.82	\$911.40
96	12590	113B AVE	012-610-020	749.05	\$8,563.19	\$1,295.14	\$9,858.33	\$995.24
97	12595	113B AVE	002-198-894	675.85	\$7,726.31	\$1,295.14	\$9,021.45	\$910.75
98	12600	113B AVE	001-047-353	748.50	\$8,556.82	\$1,295.14	\$9,851.96	\$994.60
99	12605	113B AVE	009-723-625	680.96	\$7,784.72	\$1,295.14	\$9,079.86	\$916.65
100	12608	113B AVE	004-601-815	744.59	\$8,512.22	\$1,295.14	\$9,807.36	\$990.09
101	12613	113B AVE	000-820-849	680.40	\$7,778.35	\$1,295.14	\$9,073.49	\$916.01
102	12618	113B AVE	003-046-869	748.50	\$8,556.82	\$1,295.14	\$9,851.96	\$994.60
103	12624	113B AVE	000-914-134	749.61	\$8,569.57	\$1,295.14	\$9,864.71	\$995.88
104	12625	113B AVE	009-723-633	676.40	\$7,732.68	\$1,295.14	\$9,027.82	\$911.40
105	12631	113B AVE	000-512-176	680.96	\$7,784.72	\$1,295.14	\$9,079.86	\$916.65
106	12632	113B AVE	010-398-104	743.48	\$8,499.47	\$1,295.14	\$9,794.61	\$988.81
107	12637	113B AVE	009-723-668	685.51	\$7,836.76	\$1,295.14	\$9,131.90	\$921.90
108	12644	113B AVE	002-598-426	744.59	\$8,512.22	\$1,295.14	\$9,807.36	\$990.09
109	12649	113B AVE	008-187-835	680.96	\$7,784.72	\$1,295.14	\$9,079.86	\$916.65
110	12656	113B AVE	012-610-127	748.50	\$8,556.82	\$1,295.14	\$9,851.96	\$994.60
111	12657	113B AVE	006-815-138	675.85	\$7,726.31	\$1,295.14	\$9,021.45	\$910.75
112	12668	113B AVE	012-610-232	749.61	\$8,569.57	\$1,295.14	\$9,864.71	\$995.88
113	12345	114 AVE	011-137-894	1,371.69	\$15,681.20	\$1,295.14	\$16,976.34	\$1,713.83
114	12366	114 AVE	000-964-191	650.30	\$7,434.25	\$1,295.14	\$8,729.39	\$881.27
115	12374	114 AVE	011-397-977	464.50	\$5,310.18	\$1,295.14	\$6,605.32	\$666.83
116	12383	114 AVE	003-024-521	1,010.84	\$11,555.95	\$1,295.14	\$12,851.09	\$1,297.37
117	12391	114 AVE	003-024-512	1,033.51	\$11,815.15	\$1,295.14	\$13,110.29	\$1,323.54
118	12411	114 AVE	011-293-896	2,279.86	\$26,063.41	\$1,295.14	\$27,358.55	\$2,761.96
119	12430	114 AVE	012-610-151	824.49	\$9,425.57	\$1,295.14	\$10,720.71	\$1,082.30
120	12438	114 AVE	012-610-208	824.49	\$9,425.57	\$1,295.14	\$10,720.71	\$1,082.30
121	12448	114 AVE	002-353-873	825.14	\$9,433.00	\$1,295.14	\$10,728.14	\$1,083.05
122	12449	114 AVE	009-040-943	604.31	\$6,908.54	\$1,295.14	\$8,203.68	\$828.19

	Address			Lot Area (sq.m)	SGS Share System Extension	Service Connection Costs	Total Cost per Lot	Annual Payment over a 15 year Term
	House	Road	PID					
123	12461	114 AVE	011-390-867	604.31	\$6,908.54	\$1,295.14	\$8,203.68	\$828.19
124	12462	114 AVE	000-589-934	819.47	\$9,368.22	\$1,295.14	\$10,663.36	\$1,076.51
125	12470	114 AVE	000-951-111	815.10	\$9,318.30	\$1,295.14	\$10,613.44	\$1,071.47
126	12473	114 AVE	011-390-875	826.81	\$9,452.12	\$1,295.14	\$10,747.26	\$1,084.98
127	12480	114 AVE	012-610-305	814.45	\$9,310.87	\$1,295.14	\$10,606.01	\$1,070.72
128	12481	114 AVE	011-390-891	497.76	\$5,690.39	\$1,295.14	\$6,985.53	\$705.22
129	12489	114 AVE	007-503-768	502.50	\$5,744.55	\$1,295.14	\$7,039.69	\$710.69
130	12490	114 AVE	012-610-402	810.00	\$9,259.89	\$1,295.14	\$10,555.03	\$1,065.57
131	12497	114 AVE	002-262-657	503.43	\$5,755.17	\$1,295.14	\$7,050.31	\$711.76
132	12502	114 AVE	012-610-381	804.42	\$9,196.17	\$1,295.14	\$10,491.31	\$1,059.14
133	12505	114 AVE	011-390-913	502.50	\$5,744.55	\$1,295.14	\$7,039.69	\$710.69
134	12510	114 AVE	005-110-904	804.98	\$9,202.54	\$1,295.14	\$10,497.68	\$1,059.78
135	12513	114 AVE	009-651-781	1,158.83	\$13,247.78	\$1,295.14	\$14,542.92	\$1,468.17
136	12522	114 AVE	012-610-470	799.96	\$9,145.19	\$1,295.14	\$10,440.33	\$1,053.99
137	12531	114 AVE	002-476-282	703.81	\$8,045.98	\$1,295.14	\$9,341.12	\$943.02
138	12532	114 AVE	012-610-593	793.74	\$9,074.03	\$1,295.14	\$10,369.17	\$1,046.81
139	12541	114 AVE	000-438-146	703.81	\$8,045.98	\$1,295.14	\$9,341.12	\$943.02
140	12572	114 AVE	009-298-142	589.73	\$6,741.80	\$1,295.14	\$8,036.94	\$811.36
141	12584	114 AVE	009-298-169	586.48	\$6,704.63	\$1,295.14	\$7,999.77	\$807.61
142	12592	114 AVE	009-298-193	586.48	\$6,704.63	\$1,295.14	\$7,999.77	\$807.61
143	12598	114 AVE	000-629-316	582.11	\$6,654.71	\$1,295.14	\$7,949.85	\$802.57
144	12610	114 AVE	000-948-608	578.86	\$6,617.54	\$1,295.14	\$7,912.68	\$798.82
145	12612	114 AVE	000-947-512	578.86	\$6,617.54	\$1,295.14	\$7,912.68	\$798.82
146	12620	114 AVE	009-298-207	578.86	\$6,617.54	\$1,295.14	\$7,912.68	\$798.82
147	12626	114 AVE	009-298-231	578.30	\$6,611.17	\$1,295.14	\$7,906.31	\$798.17
148	12630	114 AVE	000-948-594	575.05	\$6,574.00	\$1,295.14	\$7,869.14	\$794.42
149	12642	114 AVE	009-298-240	571.34	\$6,531.52	\$1,295.14	\$7,826.66	\$790.13
150	12646	114 AVE	009-309-349	570.68	\$6,524.08	\$1,295.14	\$7,819.22	\$789.38
151	12652	114 AVE	000-575-046	571.89	\$6,537.89	\$1,295.14	\$7,833.03	\$790.78
152	12656	114 AVE	009-309-365	570.68	\$6,524.08	\$1,295.14	\$7,819.22	\$789.38
153	12666	114 AVE	003-898-946	805.54	\$9,208.91	\$1,295.14	\$10,504.05	\$1,060.43
154	12559	115 AVE	010-628-754	744.04	\$8,505.84	\$1,295.14	\$9,800.98	\$989.45
155	12571	115 AVE	010-718-401	744.04	\$8,505.84	\$1,295.14	\$9,800.98	\$989.45
156	12581	115 AVE	010-718-362	744.59	\$8,512.22	\$1,295.14	\$9,807.36	\$990.09
157	12593	115 AVE	010-718-338	743.48	\$8,499.47	\$1,295.14	\$9,794.61	\$988.81
158	12601	115 AVE	010-718-320	744.59	\$8,512.22	\$1,295.14	\$9,807.36	\$990.09
159	12611	115 AVE	002-387-042	744.04	\$8,505.84	\$1,295.14	\$9,800.98	\$989.45
160	12613	115 AVE	010-718-311	744.04	\$8,505.84	\$1,295.14	\$9,800.98	\$989.45
161	12627	115 AVE	010-718-290	744.59	\$8,512.22	\$1,295.14	\$9,807.36	\$990.09
162	12637	115 AVE	010-718-265	743.48	\$8,499.47	\$1,295.14	\$9,794.61	\$988.81
163	12647	115 AVE	007-730-136	749.70	\$8,570.63	\$1,295.14	\$9,865.77	\$995.99

	Address			Lot Area (sq.m)	SGS Share System Extension	Service Connection Costs	Total Cost per Lot	Annual Payment over a 15 year Term
	House	Road	PID					
164	12655	115 AVE	010-718-249	754.07	\$8,620.54	\$1,295.14	\$9,915.68	\$1,001.03
165	12667	115 AVE	010-718-222	754.07	\$8,620.54	\$1,295.14	\$9,915.68	\$1,001.03
166	12560	115B AVE	010-717-781	754.07	\$8,620.54	\$1,295.14	\$9,915.68	\$1,001.03
167	12561	115B AVE	005-792-649	381.80	\$4,364.75	\$1,295.14	\$5,659.89	\$571.39
168	12570	115B AVE	010-717-803	749.05	\$8,563.19	\$1,295.14	\$9,858.33	\$995.24
169	12571	115B AVE	000-816-159	576.70	\$6,592.85	\$1,295.14	\$7,887.99	\$796.32
170	12580	115B AVE	010-717-811	744.59	\$8,512.22	\$1,295.14	\$9,807.36	\$990.09
171	12581	115B AVE	010-717-765	689.50	\$7,882.38	\$1,295.14	\$9,177.52	\$926.51
172	12589	115B AVE	009-038-884	744.59	\$8,512.22	\$1,295.14	\$9,807.36	\$990.09
173	12590	115B AVE	007-425-589	743.48	\$8,499.47	\$1,295.14	\$9,794.61	\$988.81
174	12597	115B AVE	010-717-749	744.59	\$8,512.22	\$1,295.14	\$9,807.36	\$990.09
175	12598	115B AVE	010-717-846	744.59	\$8,512.22	\$1,295.14	\$9,807.36	\$990.09
176	12609	115B AVE	003-314-448	743.48	\$8,499.47	\$1,295.14	\$9,794.61	\$988.81
177	12610	115B AVE	005-227-674	744.59	\$8,512.22	\$1,295.14	\$9,807.36	\$990.09
178	12615	115B AVE	003-864-197	744.59	\$8,512.22	\$1,295.14	\$9,807.36	\$990.09
179	12620	115B AVE	010-717-854	743.48	\$8,499.47	\$1,295.14	\$9,794.61	\$988.81
180	12627	115B AVE	002-302-322	744.59	\$8,512.22	\$1,295.14	\$9,807.36	\$990.09
181	12628	115B AVE	007-030-738	744.59	\$8,512.22	\$1,295.14	\$9,807.36	\$990.09
182	12638	115B AVE	003-646-181	744.59	\$8,512.22	\$1,295.14	\$9,807.36	\$990.09
183	12639	115B AVE	010-717-731	744.04	\$8,505.84	\$1,295.14	\$9,800.98	\$989.45
184	12648	115B AVE	010-717-897	743.48	\$8,499.47	\$1,295.14	\$9,794.61	\$988.81
185	12649	115B AVE	000-676-781	744.04	\$8,505.84	\$1,295.14	\$9,800.98	\$989.45
186	12653	115B AVE	001-070-142	1,496.06	\$17,103.02	\$1,295.14	\$18,398.16	\$1,857.37
187	12654	115B AVE	010-717-919	744.59	\$8,512.22	\$1,295.14	\$9,807.36	\$990.09
188	12666	115B AVE	010-717-935	744.04	\$8,505.84	\$1,295.14	\$9,800.98	\$989.45
189	12534	116 AVE	004-427-131	592.70	\$6,775.76	\$1,295.14	\$8,070.90	\$814.79
190	11312	124 ST	012-611-590	842.88	\$9,635.85	\$1,295.14	\$10,930.99	\$1,103.53
191	11332	124 ST	012-611-395	836.94	\$9,567.88	\$1,295.14	\$10,863.02	\$1,096.67
192	11347	124 ST	011-275-600	490.58	\$5,608.27	\$1,295.14	\$6,903.41	\$696.93
193	11355	124 ST	011-275-596	490.58	\$5,608.27	\$1,295.14	\$6,903.41	\$696.93
194	11363	124 ST	007-721-463	682.43	\$7,801.54	\$1,295.14	\$9,096.68	\$918.35
195	11368	124 ST	002-278-081	1,159.11	\$13,251.02	\$1,295.14	\$14,546.16	\$1,468.49
196	11375	124 ST	011-275-561	682.43	\$7,801.54	\$1,295.14	\$9,096.68	\$918.35
197	11387	124 ST	011-397-985	981.21	\$11,217.22	\$1,295.14	\$12,512.36	\$1,263.17
198	11388	124 ST	012-610-101	1,726.45	\$19,736.87	\$1,295.14	\$21,032.01	\$2,123.27
199	11426	124 ST	011-246-774	685.80	\$7,840.09	\$1,295.14	\$9,135.23	\$922.24
200	11437	124 ST	008-278-831	1,325.68	\$15,155.25	\$1,295.14	\$16,450.39	\$1,660.73
201	11444	124 ST	011-182-130	255.00	\$2,915.17	\$1,295.14	\$4,210.31	\$425.05
202	11267	125A ST	005-354-986	5,295.76	\$60,541.34	\$1,295.14	\$61,836.48	\$6,242.64
203	11288	125A ST	012-610-976	754.07	\$8,620.54	\$1,295.14	\$9,915.68	\$1,001.03
204	11429	125A ST	009-651-756	676.68	\$7,735.87	\$1,295.14	\$9,031.01	\$911.72

	Address			Lot Area (sq.m)	SGS Share System Extension	Service Connection Costs	Total Cost per Lot	Annual Payment over a 15 year Term
	House	Road	PID					
205	11437	125A ST	009-651-730	668.88	\$7,646.66	\$1,295.14	\$8,941.80	\$902.71
206	11447	125A ST	001-861-981	676.68	\$7,735.87	\$1,295.14	\$9,031.01	\$911.72
207	11457	125A ST	009-651-713	676.68	\$7,735.87	\$1,295.14	\$9,031.01	\$911.72
208	11465	125A ST	011-246-812	557.48	\$6,373.12	\$1,295.14	\$7,668.26	\$774.14
209	11479	125A ST	006-654-592	2,124.87	\$24,291.55	\$1,295.14	\$25,586.69	\$2,583.08
210	11503	125A ST	009-295-968	676.40	\$7,732.68	\$1,295.14	\$9,027.82	\$911.40
211	11513	125A ST	004-750-071	731.49	\$8,362.47	\$1,295.14	\$9,657.61	\$974.97
212	11525	125A ST	011-258-471	692.01	\$7,911.10	\$1,295.14	\$9,206.24	\$929.41
213	11535	125A ST	004-427-106	895.83	\$10,241.21	\$1,295.14	\$11,536.35	\$1,164.64
214	11543	125A ST	004-427-122	810.18	\$9,262.01	\$1,295.14	\$10,557.15	\$1,065.79
215	11359	126A ST	009-723-722	750.26	\$8,577.00	\$1,295.14	\$9,872.14	\$996.63
216	12491	KING GEORGE BLVD	005-767-202	5,386.34	\$61,576.82	\$1,295.14	\$62,871.96	\$6,347.18
217	12521	KING GEORGE BLVD	000-825-531	4,115.66	\$47,050.30	\$1,295.14	\$48,345.44	\$4,880.67
Total				179,961.90	\$2,057,329.96	\$281,045.38	\$2,338,375.34	

APPENDIX III: PROJECT #4709-903



Produced by GIS Section: April 13, 2012, AW8



BRIDGEVIEW STEEP GRADE GRAVITY SEWER LOCAL AREA SERVICE MAP (PHASE 1A)

ENGINEERING
DEPARTMENT

The data provided is compiled from various sources and IS NOT warranted as to its accuracy or sufficiency by the City of Surrey. This information is provided for information and convenience purposes only. Lot sizes, legal descriptions and encumbrances must be confirmed at the Land Title Office.

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Corporate Reports\Eng-Utilities\
AW-BridgeviewSanCells-App3.mxd



COMPLETION CERTIFICATE

Date: March 16, 2012

File: 4709-903

This is to certify that the Works authorized under the “Local Area Service Bridgeview West Cell Steep Grade Gravity Sanitary Sewer System [Project # 4709-903] By-law, 2009, No. 17000”, are complete.

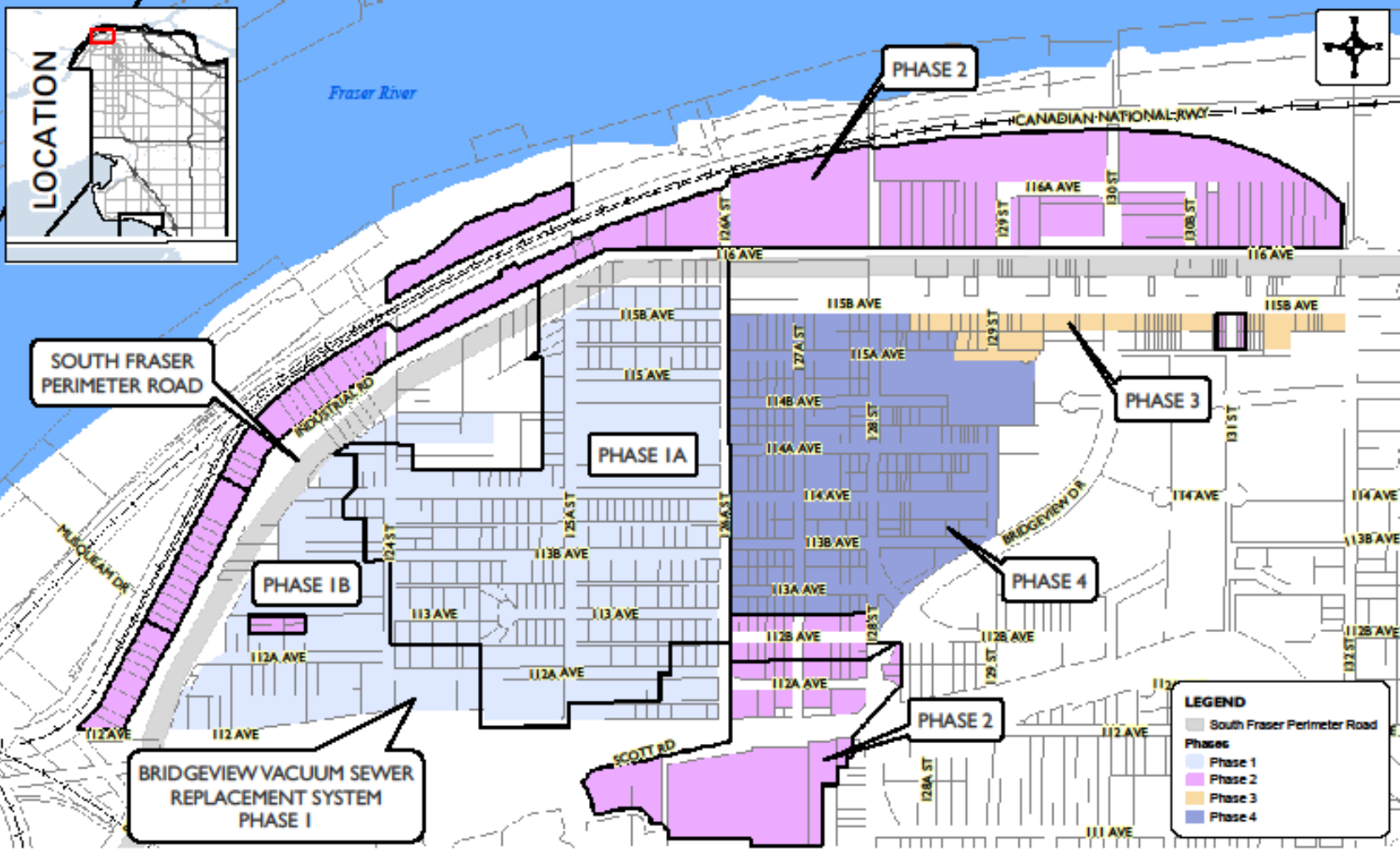
Vincent Lalonde, P.Eng.
General Manager, Engineering

As required under the “Local Area Service Bridgeview West Cell Steep Grade Gravity Sanitary Sewer System [Project # 4709-903] By-law, 2009, No. 17000”, I hereby certify that the final cost of the Works has amounted to \$7,015,126.02, of which \$2,338,375.34 is the final LAS tax component and \$4,676,750.68 is the grant under the BC Build Canada Infrastructure Program.

Vivienne Wilke, C.G.A.
General Manager,
Finance & Technology

- c.c. - City Clerk
- Property Tax Manager
- Local Improvement Clerk

APPENDIX V



Produced by GIS Section: April 13, 2012, AWB



BRIDGEVIEW VACUUM SEWER REPLACEMENT SYSTEM - PHASING

ENGINEERING DEPARTMENT

The data provided is compiled from various sources and IS NOT warranted as to its accuracy or sufficiency by the City of Surrey. This information is provided for information and convenience purposes only. Lot sizes, legal descriptions and encumbrances must be confirmed at the Land Title Office.

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