

NO: **R094**

COUNCIL DATE: **May 7, 2012**

---

## REGULAR COUNCIL

TO: **Mayor & Council**

DATE: **May 1, 2012**

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

FILE: **4709-904**

SUBJECT: **Local Area Service Initiative for the West Bridgeview Low Pressure Sewer Area  
– Final Costs and Apportionment – By-law No. 17001**

---

## RECOMMENDATION

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

1. Approve amendments to “Local Area Service for West Bridgeview Low Pressure Sewer System [Project # 4709-904] By-law, 2009, No. 17001” to reflect the final costs of construction of the works covered by the By-law and the apportionment thereof all as detailed in Appendix II; 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 for the “Local Area Service for West Bridgeview Low Pressure Sewer System [Project # 4709-904] By-law, 2009, No. 17001” and to obtain Council approval to bring forward an amendment By-law to reflect the final costs of construction of the project.

## DISCUSSION

At its Regular meeting on July 13, 2009 Council considered Corporate Report No. R119;2009 that recommended a Local Area Service (LAS) initiative be established as the means to finance the replacement of the existing Vacuum Sewer System (VSS) with a low pressure system in the West Bridgeview Area as 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, Council by way of Council Resolution No. R09-1673 authorized the replacement of the existing VSS with a low pressure sewer system. “Local Area Service for West Bridgeview Low Pressure Sewer System [Project # 4709-904] By-law, 2009, No. 17001” was given the required readings in accordance with Council’s resolution.

The construction work is now completed and the final project costs have now been determined. The final project cost for each of the benefitting properties is consistent with the original estimate with the exception of two properties.

The costs for providing sewer service to the properties located at 12662 - 112A Avenue and 11444 - 124 Street were higher than originally estimated. It was originally expected that these properties would be serviced by way of a gravity system; however, during the detailed design it was discovered that both of these properties could only be serviced by way of a pumped system. A pumped system is more expensive to construct. The charges under the By-law for these two properties have been adjusted to 110% of the original estimate for each, which is the maximum permitted under the City's LAS Policy without having to re-petition all of the benefitting properties. The remainder of costs will be funded by the sewer utility. An amending by-law is necessary to adjust the amounts for which these two properties are responsible to pay.

In April 2009 the City received a \$5.67 million grant under the BC Build Canada Infrastructure Program, which represented two-thirds of the estimated cost to build the replacement steep-grade gravity sewer system in the West Cell of Bridgeview. The cost to complete the project was approximately \$1.0 million lower than originally estimated. In an effort to take advantage of the remaining funding from the BC Build Canada Infrastructure Program, the scope of work was expanded to include the replacement low pressure sewer system that is the subject of this report.

Based on the Completion Certificate, attached as Appendix IV to this report, the total project cost is \$1,881,561.44. With the remainder of \$990,077.63 from the grant under the BC Build Canada Infrastructure Program being applied to the project, \$891,483.81 is being funded through the LAS tax component, which represents 47.38% of the total project cost.

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

#### **Amendment By-law Required:**

The "Local Area Service for West Bridgeview Low Pressure Sewer System [Project # 4709-904] By-law, 2009, No. 17001" 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**

With the completion of the Phase 1 work, the following table documents the remaining phases of work to complete the replacement of the sewer system in Bridgeview:

| <b>Phase</b> | <b>Description</b>   | <b>Schedule</b>  |
|--------------|--|--|
| 2            | Replacement of the remaining West Cell vacuum sewer area and all the areas affected by the South Fraser Perimeter Road | Initiate in 2012, and complete in 2013   |
| 3            | Replacement of the East Cell vacuum sewer area with 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 area associated with each of these phases is illustrated on the map attached as Appendix V.

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. 17630 Amending "Local Area Service for West Bridgeview Low Pressure Sewer System [Project # 4709-904] By-law, 2009, No. 17001"

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. 17630

A by-law to amend the provisions of " Local Area Service for West Bridgeview Low Pressure Sewer System [Project # 4709-904] By-law, 2009, No. 17001".

.....

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

- 1. "Local Area Service for West Bridgeview Low Pressure Sewer System [Project # 4709-904] By-law, 2009, No. 17001" 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 for West Bridgeview Low Pressure Sewer System [Project # 4709-904] By-law, 2009, No. 17001, Amendment By-law, 2012, No. 17630".

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 LOW PRESSURE SEWER SYSTEM**  
**PROJECT 4709-904**

**On COUNCIL INITIATIVE - SUBJECT TO PETITION AGAINST**

Pursuant to Section 21 of the "Local Area Service for West Bridgeview Low Pressure Sewer System [Project # 4709-904] By-law, 2009, No. 17001", the following provides the final costs and apportionment thereof.

---

Works: West Bridgeview Low Pressure Sewer System to replace the existing Vacuum Sewer System

Location: West Bridgeview in the area roughly bounded by South Fraser Perimeter Road, 124 Street, 112A Avenue and King George Boulevard as shown highlighted in Appendix I to this by-law.

---

|   |                |
|---|----------------|
| Total Cost  | \$1,881,561.44 |
| LAS Tax Contribution to the Cost (%)  | 47.38%         |
| LAS Tax Contribution to the Cost (\$)   | \$891,483.81   |
| <u>System Replacement Component:</u>  |                |
| Total Costs for Sewer System Replacement  | \$799,810.83   |
| Total Frontage of the Properties in the Local Service Area (m)                        | 1745.04        |
| Cost Per Linear Metre for Sewer System Replacement Tax Component (at 47.38% recovery) | \$217.16       |
| <u>Lateral Sewer Component:</u>   |                |
| Total Costs for Sewer Lateral   | \$386,888.43   |
| Number of Properties in the Local Service Area  | 66             |
| Cost per Sewer Lateral (at 47.38% recovery)   | \$2,777.39     |
| <u>Pump Connection Component:</u>   |                |
| Total Costs for Pump Connections  | \$694,862.18   |
| Number of Properties with Active Sewer Accounts                                       | 30             |
| Cost per Pump Connection (at 47.38% recovery)   | \$10,974.19    |
| Amortization Period   | 15 years       |
| Annual Interest Rate  | 5.70%          |

**Cost Contribution**

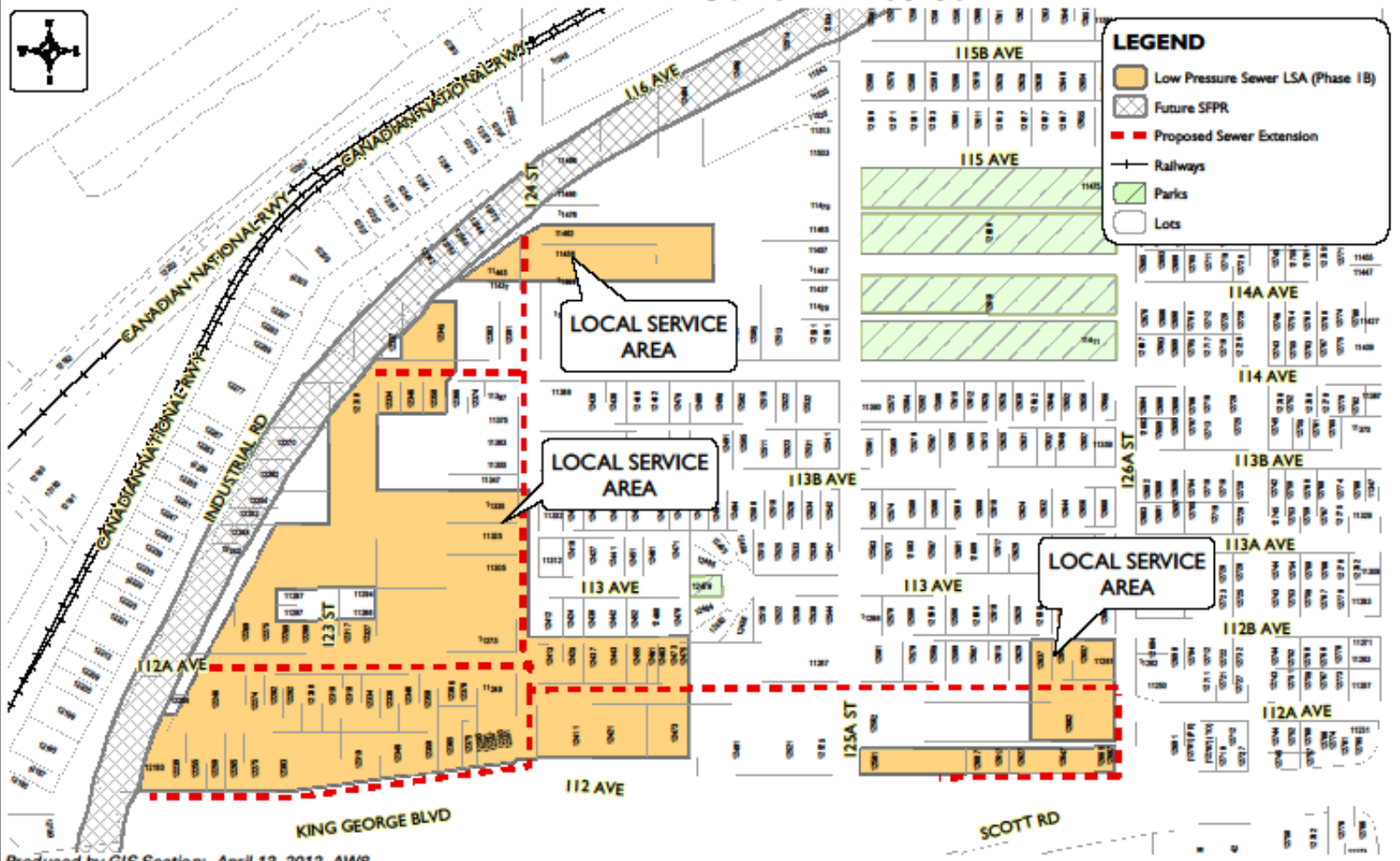
|    | Address |          |             | Lot Frontage<br>(l.m.) | System<br>Replacement<br>Component | Sewer Lateral<br>Component | Pump Connection<br>Component | Total Local<br>Service Tax | Annual Payment<br>Over a 15 Year<br>Term |
|----|---------|----------|-------------|------------------------|------------------------------------|----------------------------|------------------------------|----------------------------|--|
|    | House   | Road     | PID         |                        |                                    |                            |                              |                            |  |
| 1  | 12246   | 112A AVE | 003-663-205 | 58.56                  | \$12,716.81                        | \$2,777.39                 | \$0.00                       | \$15,494.20                | \$1,564.20                               |
| 2  | 12255   | 112A AVE | 002-396-378 | 25.35                  | \$5,504.97                         | \$2,777.39                 | \$0.00                       | \$8,282.36                 | \$836.14                                 |
| 3  | 12269   | 112A AVE | 009-570-586 | 19.5                   | \$4,234.59                         | \$2,777.39                 | \$0.00                       | \$7,011.98                 | \$707.89                                 |
| 4  | 12274   | 112A AVE | 009-797-637 | 17.91                  | \$3,889.31                         | \$2,777.39                 | \$0.00                       | \$6,666.70                 | \$673.03                                 |
| 5  | 12275   | 112A AVE | 009-570-624 | 19.5                   | \$4,234.59                         | \$2,777.39                 | \$10,974.19                  | \$17,986.17                | \$1,815.78                               |
| 6  | 12282   | 112A AVE | 008-900-531 | 18.28                  | \$3,969.66                         | \$2,777.39                 | \$0.00                       | \$6,747.05                 | \$681.14                                 |
| 7  | 12289   | 112A AVE | 009-570-659 | 19.5                   | \$4,234.59                         | \$2,777.39                 | \$0.00                       | \$7,011.98                 | \$707.89                                 |
| 8  | 12292   | 112A AVE | 003-160-998 | 18.28                  | \$3,969.66                         | \$2,777.39                 | \$10,974.19                  | \$17,721.24                | \$1,789.03                               |
| 9  | 12299   | 112A AVE | 004-703-651 | 19.5                   | \$4,234.59                         | \$2,777.39                 | \$0.00                       | \$7,011.98                 | \$707.89                                 |
| 10 | 12300   | 112A AVE | 006-500-480 | 18.28                  | \$3,969.66                         | \$2,777.39                 | \$10,974.19                  | \$17,721.24                | \$1,789.03                               |
| 11 | 12310   | 112A AVE | 009-797-688 | 18.28                  | \$3,969.66                         | \$2,777.39                 | \$10,974.19                  | \$17,721.24                | \$1,789.03                               |
| 12 | 12317   | 112A AVE | 009-570-683 | 17.67                  | \$3,837.19                         | \$2,777.39                 | \$10,974.19                  | \$17,588.77                | \$1,775.66                               |
| 13 | 12318   | 112A AVE | 009-797-718 | 18.28                  | \$3,969.66                         | \$2,777.39                 | \$10,974.19                  | \$17,721.24                | \$1,789.03                               |
| 14 | 12327   | 112A AVE | 003-227-936 | 17.98                  | \$3,904.51                         | \$2,777.39                 | \$10,974.19                  | \$17,656.09                | \$1,782.45                               |
| 15 | 12334   | 112A AVE | 011-376-333 | 18.28                  | \$3,969.66                         | \$2,777.39                 | \$0.00                       | \$6,747.05                 | \$681.14                                 |
| 16 | 12336   | 112A AVE | 011-376-325 | 18.28                  | \$3,969.66                         | \$2,777.39                 | \$0.00                       | \$6,747.05                 | \$681.14                                 |
| 17 | 12346   | 112A AVE | 011-376-309 | 18.28                  | \$3,969.66                         | \$2,777.39                 | \$0.00                       | \$6,747.05                 | \$681.14                                 |
| 18 | 12358   | 112A AVE | 007-327-714 | 18.31                  | \$3,976.17                         | \$2,777.39                 | \$0.00                       | \$6,753.56                 | \$681.80                                 |
| 19 | 12366   | 112A AVE | 008-057-541 | 36.58                  | \$7,943.66                         | \$2,777.39                 | \$10,974.19                  | \$21,695.24                | \$2,190.22                               |
| 20 | 12413   | 112A AVE | 006-503-951 | 23.31                  | \$5,061.97                         | \$2,777.39                 | \$0.00                       | \$7,839.36                 | \$791.42                                 |
| 21 | 12425   | 112A AVE | 006-503-926 | 20.12                  | \$4,369.23                         | \$2,777.39                 | \$0.00                       | \$7,146.62                 | \$721.48                                 |
| 22 | 12437   | 112A AVE | 007-623-003 | 20.12                  | \$4,369.23                         | \$2,777.39                 | \$0.00                       | \$7,146.62                 | \$721.48                                 |
| 23 | 12443   | 112A AVE | 007-622-848 | 20.12                  | \$4,369.23                         | \$2,777.39                 | \$0.00                       | \$7,146.62                 | \$721.48                                 |
| 24 | 12455   | 112A AVE | 007-622-813 | 20.12                  | \$4,369.23                         | \$2,777.39                 | \$0.00                       | \$7,146.62                 | \$721.48                                 |
| 25 | 12461   | 112A AVE | 007-622-741 | 10.1                   | \$2,193.30                         | \$2,777.39                 | \$0.00                       | \$4,970.69                 | \$501.81                                 |
| 26 | 12463   | 112A AVE | 012-611-662 | 10.1                   | \$2,193.30                         | \$2,777.39                 | \$10,974.19                  | \$15,944.88                | \$1,609.70                               |
| 27 | 12475   | 112A AVE | 002-777-452 | 20.12                  | \$4,369.23                         | \$2,777.39                 | \$10,974.19                  | \$18,120.81                | \$1,829.37                               |

|           | Address      |                  |             | Lot Frontage<br>(l.m.) | System<br>Replacement<br>Component | Sewer Lateral<br>Component | Pump Connection<br>Component | Total Local<br>Service Tax | Annual Payment<br>Over a 15 Year<br>Term |
|-----------|--------------|------------------|-------------|------------------------|------------------------------------|----------------------------|------------------------------|----------------------------|--|
|           | House        | Road             | PID         |                        |                                    |                            |                              |                            |  |
| 28        | 12637        | 112A AVE         | 012-611-069 | 20.12                  | \$4,369.23                         | \$2,777.39                 | \$0.00                       | \$7,146.62                 | \$721.48                                 |
| 29        | 12647        | 112A AVE         | 007-856-253 | 20.12                  | \$4,369.23                         | \$2,777.39                 | \$0.00                       | \$7,146.62                 | \$721.48                                 |
| 30        | 12657        | 112A AVE         | 000-868-221 | 20.12                  | \$4,369.23                         | \$2,777.39                 | \$10,974.19                  | \$18,120.81                | \$1,829.37                               |
| <b>31</b> | <b>12662</b> | <b>112A AVE</b>  | 011-161-779 | <b>37.4</b>            | \$8,121.73                         | \$2,777.39                 | \$10,974.19                  | \$21,873.31                | \$2,208.20                               |
| 32        | 12310        | 114 AVE          | 011-254-131 | 20.06                  | \$4,356.20                         | \$2,777.39                 | \$0.00                       | \$7,133.59                 | \$720.16                                 |
| 33        | 12334        | 114 AVE          | 011-397-969 | 21.33                  | \$4,631.99                         | \$2,777.39                 | \$0.00                       | \$7,409.38                 | \$748.01                                 |
| 34        | 12345        | 114 AVE          | 011-137-894 | 48.34                  | \$10,497.45                        | \$2,777.39                 | \$0.00                       | \$13,274.84                | \$1,340.15                               |
| 35        | 12346        | 114 AVE          | 002-785-277 | 21.33                  | \$4,631.99                         | \$2,777.39                 | \$10,974.19                  | \$18,383.57                | \$1,855.90                               |
| 36        | 12358        | 114 AVE          | 000-867-730 | 21.33                  | \$4,631.99                         | \$2,777.39                 | \$0.00                       | \$7,409.38                 | \$748.01                                 |
| 37        | 11275        | 124 ST           | 000-441-457 | 60.97                  | \$13,240.16                        | \$2,777.39                 | \$0.00                       | \$16,017.55                | \$1,617.04                               |
| 38        | 11305        | 124 ST           | 011-209-887 | 30.48                  | \$6,618.99                         | \$2,777.39                 | \$0.00                       | \$9,396.38                 | \$948.60                                 |
| 39        | 11325        | 124 ST           | 001-473-824 | 30.48                  | \$6,618.99                         | \$2,777.39                 | \$0.00                       | \$9,396.38                 | \$948.60                                 |
| 40        | 11335        | 124 ST           | 011-209-461 | 30.48                  | \$6,618.99                         | \$2,777.39                 | \$10,974.19                  | \$20,370.57                | \$2,056.49                               |
| <b>41</b> | <b>11444</b> | <b>124 ST</b>    | 011-182-130 | <b>11.88</b>           | \$2,579.84                         | \$2,777.39                 | \$10,974.19                  | \$16,331.42                | \$1,648.72                               |
| 42        | 11445        | 124 ST           | 012-369-993 | 42.13                  | \$9,148.89                         | \$2,777.39                 | \$0.00                       | \$11,926.28                | \$1,204.01                               |
| 43        | 11456        | 124 ST           | 000-448-885 | 18.59                  | \$4,036.98                         | \$2,777.39                 | \$0.00                       | \$6,814.37                 | \$687.94                                 |
| 44        | 11462        | 124 ST           | 001-002-597 | 18.59                  | \$4,036.98                         | \$2,777.39                 | \$0.00                       | \$6,814.37                 | \$687.94                                 |
| 45        | 11261        | 126A ST          | 000-868-213 | 20.12                  | \$4,369.23                         | \$2,777.39                 | \$10,974.19                  | \$18,120.81                | \$1,829.37                               |
| 46        | 12180        | INDUSTRIAL RD    | 000-629-324 | 27.9                   | \$6,058.72                         | \$2,777.39                 | \$0.00                       | \$8,836.11                 | \$892.04                                 |
| 47        | 12239        | KING GEORGE BLVD | 012-369-969 | 18.29                  | \$3,971.83                         | \$2,777.39                 | \$10,974.19                  | \$17,723.41                | \$1,789.25                               |
| 48        | 12255        | KING GEORGE BLVD | 002-159-406 | 18.29                  | \$3,971.83                         | \$2,777.39                 | \$10,974.19                  | \$17,723.41                | \$1,789.25                               |
| 49        | 12259        | KING GEORGE BLVD | 002-159-546 | 18.29                  | \$3,971.83                         | \$2,777.39                 | \$10,974.19                  | \$17,723.41                | \$1,789.25                               |
| 50        | 12265        | KING GEORGE BLVD | 004-681-975 | 18.29                  | \$3,971.83                         | \$2,777.39                 | \$0.00                       | \$6,749.22                 | \$681.36                                 |
| 51        | 12275        | KING GEORGE BLVD | 004-681-967 | 18.29                  | \$3,971.83                         | \$2,777.39                 | \$0.00                       | \$6,749.22                 | \$681.36                                 |
| 52        | 12303        | KING GEORGE BLVD | 003-919-897 | 73.48                  | \$15,956.81                        | \$2,777.39                 | \$10,974.19                  | \$29,708.39                | \$2,999.18                               |
| 53        | 12319        | KING GEORGE BLVD | 012-421-405 | 36.93                  | \$8,019.67                         | \$2,777.39                 | \$10,974.19                  | \$21,771.25                | \$2,197.90                               |
| 54        | 12349        | KING GEORGE BLVD | 008-277-877 | 36.93                  | \$8,019.67                         | \$2,777.39                 | \$10,974.19                  | \$21,771.25                | \$2,197.90                               |
| 55        | 12359        | KING GEORGE BLVD | 000-457-655 | 18.47                  | \$4,010.92                         | \$2,777.39                 | \$10,974.19                  | \$17,762.50                | \$1,793.20                               |
| 56        | 12365        | KING GEORGE BLVD | 011-137-983 | 23.21                  | \$5,040.25                         | \$2,777.39                 | \$10,974.19                  | \$18,791.83                | \$1,897.11                               |

|              | Address |                  |             | Lot Frontage<br>(l.m.) | System<br>Replacement<br>Component | Sewer Lateral<br>Component | Pump Connection<br>Component | Total Local<br>Service Tax | Annual Payment<br>Over a 15 Year<br>Term |
|--------------|---------|------------------|-------------|------------------------|------------------------------------|----------------------------|------------------------------|----------------------------|--|
|              | House   | Road             | PID         |                        |                                    |                            |                              |                            |  |
| 57           | 12375   | KING GEORGE BLVD | 011-137-959 | 13.2                   | \$2,866.49                         | \$2,777.39                 | \$0.00                       | \$5,643.88                 | \$569.77                                 |
| 58           | 12381   | KING GEORGE BLVD | 011-138-009 | 36.58                  | \$7,943.66                         | \$2,777.39                 | \$10,974.19                  | \$21,695.24                | \$2,190.22                               |
| 59           | 12411   | KING GEORGE BLVD | 006-664-466 | 50.6                   | \$10,988.22                        | \$2,777.39                 | \$10,974.19                  | \$24,739.80                | \$2,497.58                               |
| 60           | 12473   | KING GEORGE BLVD | 010-074-899 | 40.21                  | \$8,731.95                         | \$2,777.39                 | \$10,974.19                  | \$22,483.53                | \$2,269.80                               |
| 61           | 12561   | KING GEORGE BLVD | 003-718-638 | 100.65                 | \$21,857.01                        | \$2,777.39                 | \$0.00                       | \$24,634.40                | \$2,486.94                               |
| 62           | 12607   | KING GEORGE BLVD | 003-718-107 | 20.12                  | \$4,369.23                         | \$2,777.39                 | \$0.00                       | \$7,146.62                 | \$721.48                                 |
| 63           | 12617   | KING GEORGE BLVD | 011-316-128 | 20.12                  | \$4,369.23                         | \$2,777.39                 | \$0.00                       | \$7,146.62                 | \$721.48                                 |
| 64           | 12627   | KING GEORGE BLVD | 011-316-136 | 20.12                  | \$4,369.23                         | \$2,777.39                 | \$10,974.19                  | \$18,120.81                | \$1,829.37                               |
| 65           | 12647   | KING GEORGE BLVD | 025-342-959 | 60.37                  | \$13,109.86                        | \$2,777.39                 | \$10,974.19                  | \$26,861.44                | \$2,711.77                               |
| 66           | 12665   | KING GEORGE BLVD | 003-184-021 | 20.12                  | \$4,369.23                         | \$2,777.39                 | \$10,974.19                  | \$18,120.81                | \$1,829.37                               |
| <b>Total</b> |         |                  | 003-663-205 | <b>1745.04</b>         | <b>\$378,950.37</b>                | <b>\$183,307.74</b>        | <b>\$329,225.70</b>          | <b>\$891,483.81</b>        |  |



# APPENDIX III: PROJECT #4709-904



Produced by GIS Section: April 13, 2012, AW8



## WEST BRIDGEVIEW LOW PRESSURE SEWER LOCAL AREA SERVICE MAP (PHASE 1B)

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 size, Legal descriptions and encumbrances must be confirmed at the Land Title Office.

G:\Mapping\GIS\Mapsh CorporateReport\Eng-Utilities\AW-BridgeviewSanCells\_App3.mxd



## COMPLETION CERTIFICATE

**Date:** March 16, 2012

**File:** 4709-904

---

This is to certify that the Works authorized under the “Local Area Service for West Bridgeview Low Pressure Sewer System [Project # 4709-904] By-law, 2009, No. 17001”, are complete.

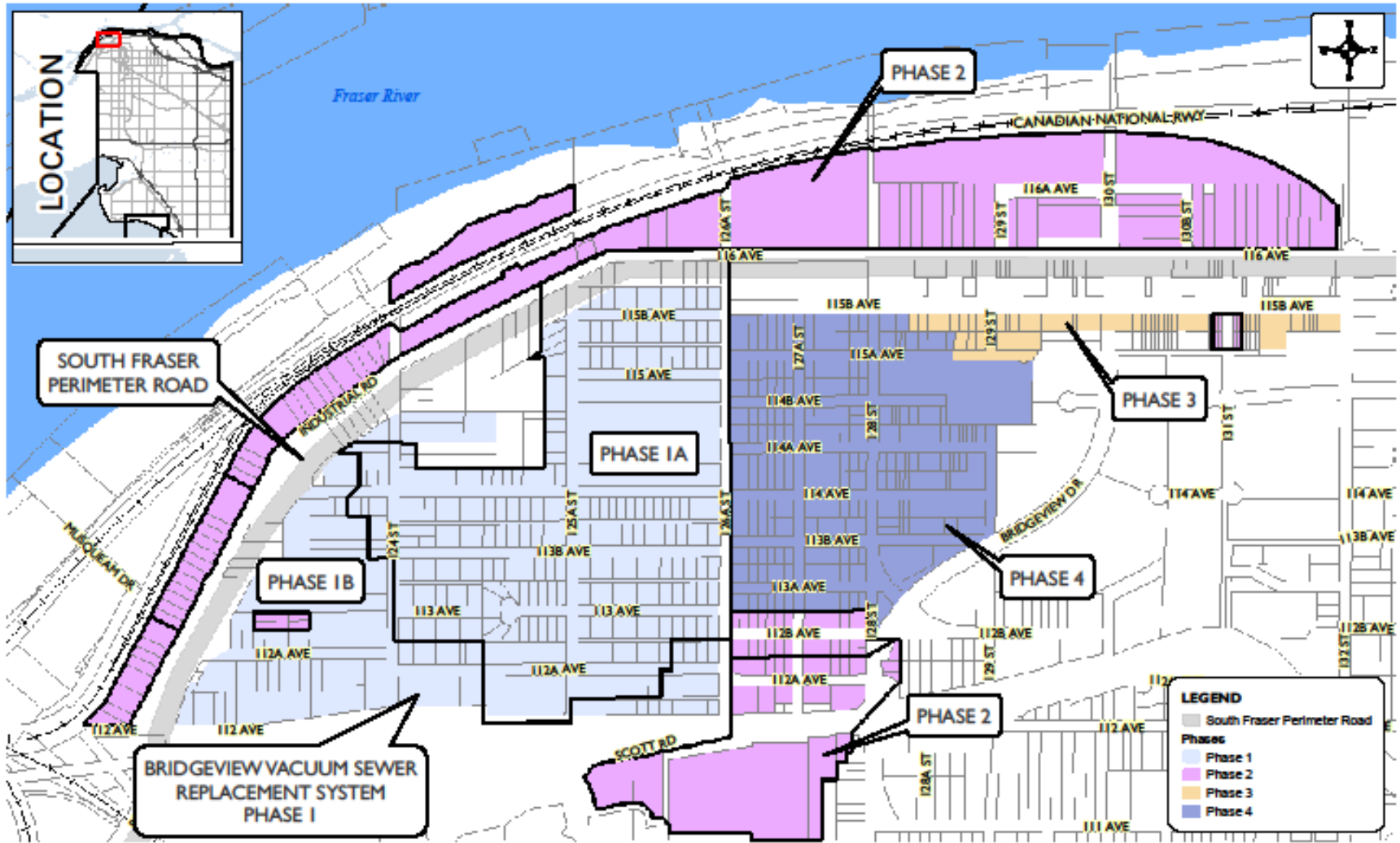
Vincent Lalonde, P.Eng.  
General Manager, Engineering

As required under the “Local Area Service for West Bridgeview Low Pressure Sewer System [Project #4709-904] By-law, 2009, No. 17001”, I hereby certify that the final cost of the Works has amounted to \$1,881,561.44, of which \$891,483.81 is the final LAS tax component and \$990,077.63 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, AW8



## 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.

G:\Mapping\GIS\Mapal Corporate\portal\Eng-Utilities\AW-Bridgeview Vacuum Sewer Phasing-A.mxd