

NO: R111 COUNCIL DATE: **JUNE 23, 2014**

REGULAR COUNCIL

TO: Mayor & Council **DATE: June 18, 2014**
FROM: Acting General Manager, Engineering **FILE: 1713-017-11**
SUBJECT: Award of Contract M.S. 1713-017-11
King George Blvd – Rapid Bus Intersection Improvements

RECOMMENDATIONS

The Engineering Department recommends that Council:

1. Award Contract M.S. 1713-017-11 to Imperial Paving Ltd. in the amount of \$4,067,161.88, including GST, for King George Blvd – Rapid Bus Intersection Improvements; and
2. Set the expenditure authorization limit for Contract M.S. 1713-017-11 at \$4,474,000.00, including GST and contingency.

SCOPE OF WORK

The construction package related to this contract consists of the construction of bus queue-jumpers at two key intersections, King George Boulevard at 76 Avenue and King George Boulevard at 88 Avenue. Construction of queue jumpers will help reduce transit travel times by providing lane improvements that allow buses to bypass traffic queues waiting at intersections, and this work will improve transit service along this busy corridor. Examples of current queue-jumpers at 96 Avenue and King George Boulevard are illustrated on the map attached to this report as Appendix I. The project also provides opportunities to improve cycling lane infrastructure and better define conflict areas. TransLink and Surrey continue to invest in transit improvements and build on the success of B-line along King George Boulevard (KGB). Intersection improvements are proposed at the locations listed in the following table, which are also illustrated on the map attached to this report as Appendix II:

Map Reference Number	Project #	Project Description	Location
1	1713-3150-00	Arterial Intersection Improvement	King George Boulevard and 88 Avenue
2	1713-3140-00	Arterial Intersection Improvement	King George Boulevard and 76 Avenue
3	3814-4020-00	Traffic Signal	76 Avenue and 135 Street

The contract work is expected to start on July 7, 2014, and be completed by November 13, 2014.

TENDER RESULTS

Tenders for the subject contract were opened on June 3, 2014 with the following results:

<i>Contractor</i>	<i>Tendered Amount with GST</i>	<i>Corrected Amount</i>
1. Imperial Paving Ltd.	\$4,067,161.88	No Change
2. Martens Asphalt Ltd.	\$4,722,144.04	No Change
3. LaFarge Canada Inc. C.O.B. as Columbia Bitulithic	\$4,934,405.70	No Change

The Engineer's pre-tender estimate was \$4,094,000 including GST.

EVALUATION

The City's consultant reviewed the tender submissions for accuracy and completeness. No errors were found. All submissions included the required 10% bid bond, and were signed and sealed on the Tender Form and Summary Sheet of the Schedule of Quantities and Prices.

The low bidder, Imperial Paving Ltd., has provided a Consent of Surety for a Performance Bond and a Labour & Materials Bond, and agreed to complete the work within 90 working days, as stipulated in the contract. Imperial Paving Ltd.'s past performance on similar work has been satisfactory. They have no outstanding legal claims against the City. It is recommended that Imperial Paving Ltd. be awarded Contract M.S. 1713-017-11.

SUSTAINABILITY CONSIDERATIONS

The proposed road and intersection improvements will benefit all transit services to reduce their travel time and improve their service reliability during busy times, better incentivizing transit use and reducing GHG emission during idling in traffic. Road improvements will also support better cycling and overall support goals towards a fully accessible City. This contract will assist in achieving the objectives of the City's Sustainability Charter, which include efficiently moving people and goods, not just vehicles. In alignment with the goals of the Sustainability Charter, the project will also enhance the public realm by implementing street standards that minimize the negative impacts of transportation facilities on communities, while providing appropriate infrastructure in support of the City's transportation needs and economic development. In particular, the project supports the following Charter Scope actions:

- SC 13: Creating a Fully Accessible City; and
- EN 13: Enhancing the Public Realm.

FUNDING

The South Coast British Columbia Transportation Authority (TransLink) has provided a \$1.2M contribution towards the design and construction of King George Boulevard queue-jumpers at 76 Avenue and 88 Avenue. Funding for the City's share of the contract is available in the approved 2014 Budget.

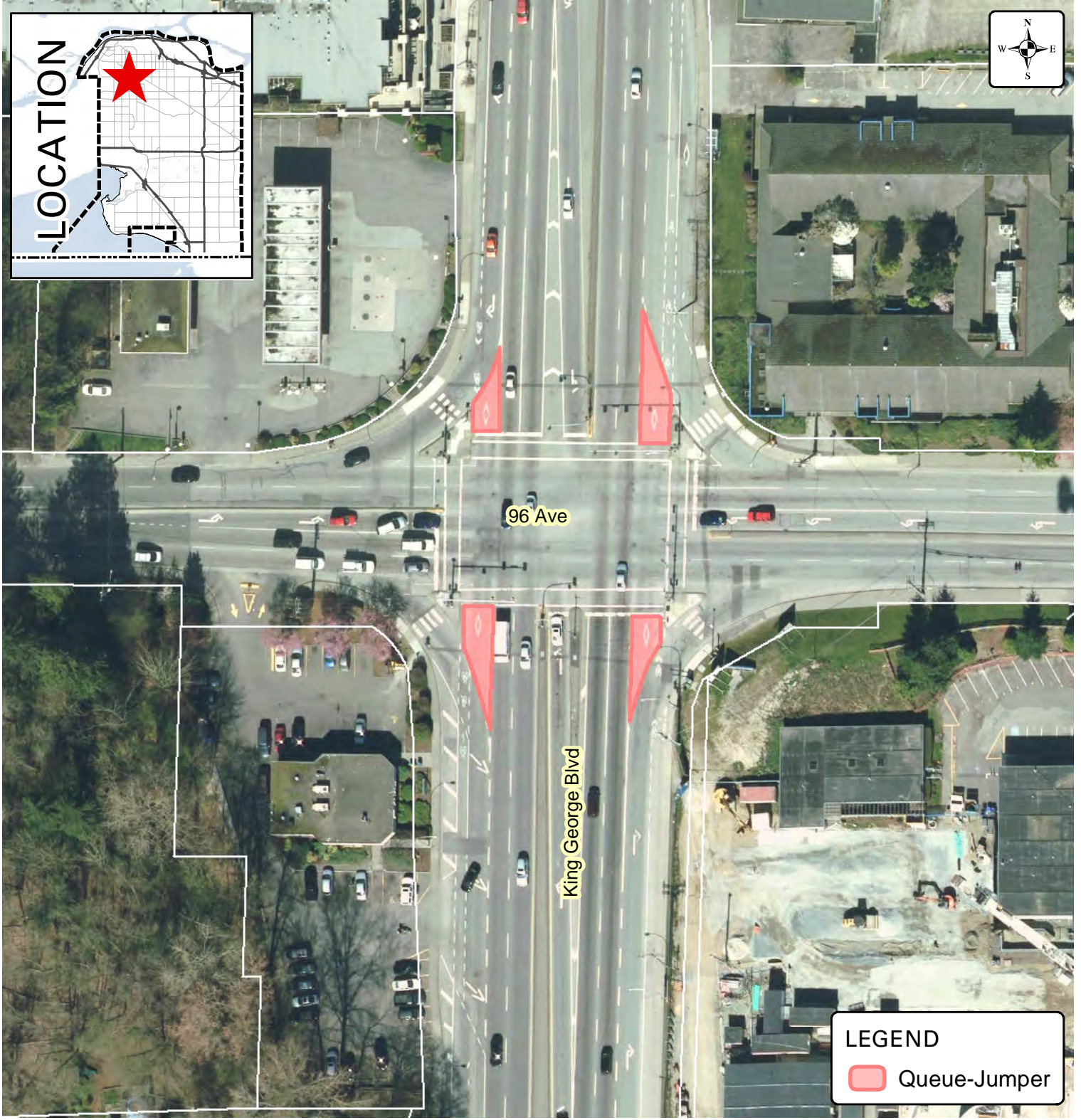
Gerry McKinnon
Acting General Manager, Engineering

VL/SN/RB/MD/ras

Appendix I – Example of Queue-Jumpers - 96 Avenue and King George Boulevard
Appendix II – Map of Locations – Contract M.S. 1713-017-11

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APPENDIX I AERIAL PHOTOGRAPH OF SITE



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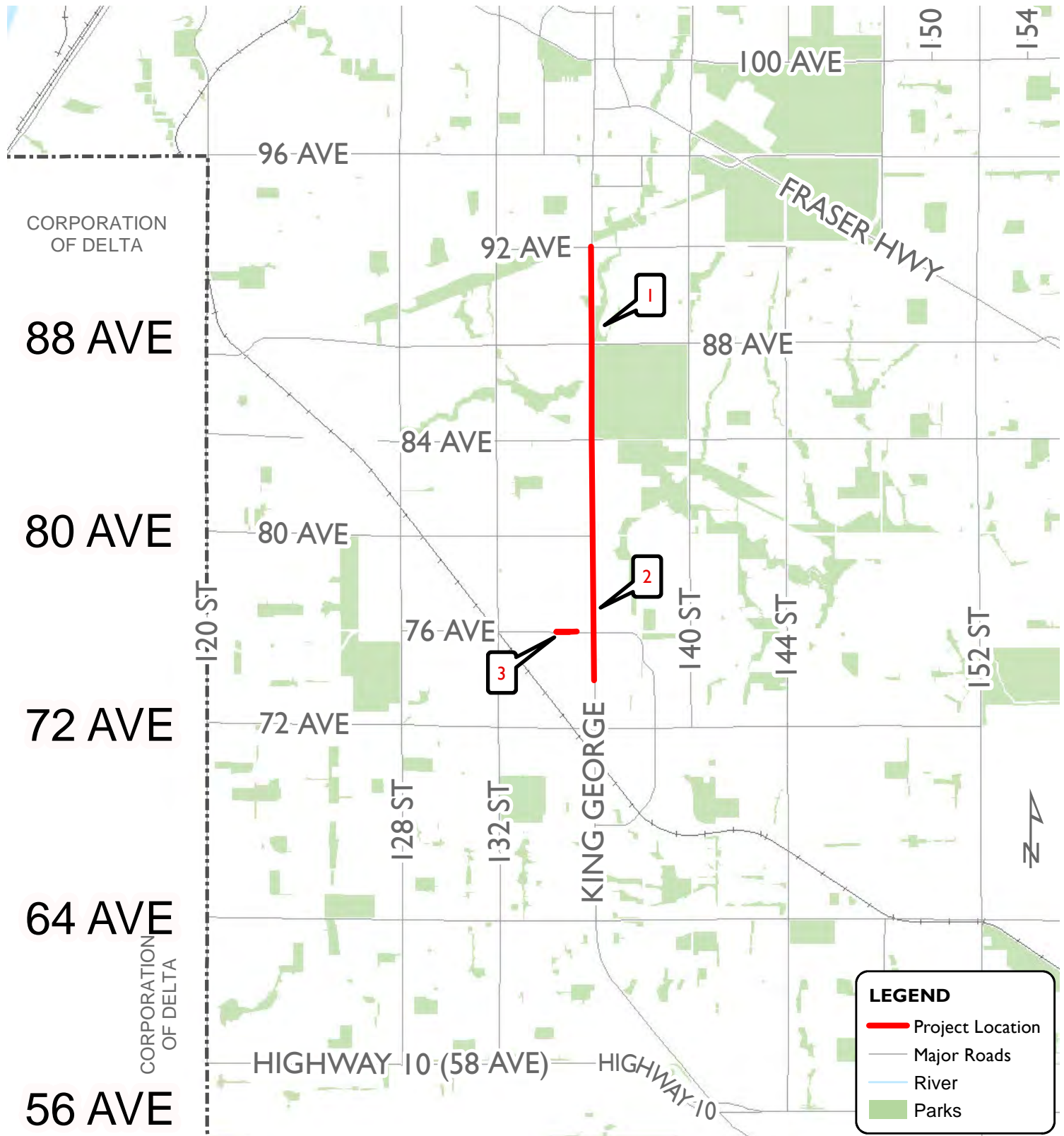
Example of Queue-Jumpers 96 Ave and King George Blvd

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.

Source: G:\MAPPING\GIS\Maps\CorporateReps\ID&C\EM-ExampleQ-Jumpers_96Ave_KingGeorgeBlvd.mxd

APPENDIX II



Produced by GIS Section: 18-Jun-2014, EM9



CONTRACT 1713-017-11
King George Blvd: Rapid Bus

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