

**REGULAR COUNCIL**

TO: **Mayor & Council** DATE: **March 27, 2019**  
 FROM: **General Manager, Engineering** FILE: **1717-021/11**  
 SUBJECT: **Award of Contract No. 1717-021-11**  
**King George Boulevard Arterial Paving and Intersection Improvements**

**RECOMMENDATIONS**

The Engineering Department recommends that Council:

1. Award Contract No. 1717-021-11 to Eurovia British Columbia Inc. in the amount of \$3,819,725.90 (including GST) for the King George Boulevard arterial paving and intersection improvements from 64 Avenue to Hall Road;
2. Set the expenditure authorization limit for Contract No. 1717-021-11 at \$4,200,000.00, (including GST and contingency); and
3. Authorize the General Manager, Engineering to execute Contract No. 1717-021-11.

**SCOPE OF WORK**

The construction package related to this Contract consists of the installation of bus queue jumper lanes at two intersections along King George Boulevard at 64 Avenue and 68 Avenue. Bus queue jumpers will help reduce transit travel time by providing lane improvements that allow buses to bypass traffic queues waiting at intersections and will help improve transit service and reliability during busy times. These intersection improvements will add to the bus queue jumpers that exist along King George Boulevard at 76 Avenue, 88 Avenue, and 96 Avenue. The existing bus queue jumper along King George Boulevard at 96 Avenue is illustrated on the map attached to this report as Appendix "I".

This Contract also includes construction of a mid-block pedestrian crossing and the repaving of King George Boulevard from 64 Avenue to Hall Road. The locations of this work are 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	R-15985	Arterial paving and intersection improvements	King George Boulevard: 64 Avenue to Hall Road
2	R-15987	Overhead flashing crosswalk	King George Boulevard at 6600 Block

<b>Map Reference Number</b>	<b>Project #</b>	<b>Project Description</b>	<b>Location</b>
3	R-15985	Bus queue jumper lane	King George Boulevard at 68 Avenue
4	R-15985	Bus queue jumper lane	King George Boulevard at 64 Avenue

The Contract does not include an option for contractors to work 24-hours a day, 7-days a week, as there were no financial savings or time savings expected. However, the Contract permits construction between 7:00 a.m. and 10:00 p.m., and it allows for construction at night-time where necessary in order to provide the best balance between traffic disruptions and disruptions to residents and businesses, while completing the works within the shortest duration possible.

The Contract work is expected to start in April 2019 and be completed by September 2019. During construction, northbound and southbound movements will be maintained for vehicles and pedestrians on King George Boulevard. Work that requires lane closures will be conducted at night to avoid excessive congestion. There are no prolonged impacts to any residences or businesses resulting from the Contract work.

## **TENDER RESULTS**

Tenders for the subject Contract were opened on March 8, 2019 with the following results:

<b>Contractor</b>	<b><i>Tendered Amount with GST</i></b>	<b><i>Corrected Amount</i></b>
1. Eurovia British Columbia Inc.	\$3,819,725.90	No Change
2. Lafarge Canada Inc.	\$3,957,942.45	No Change
3. All Roads Construction Ltd.	\$4,277,171.50	\$4,360,426.00
4. Mainland Construction Materials ULC dba Winvan Paving	\$4,454,658.62	\$4,454,656.29
5. Jack Cewe Construction Ltd.	\$4,957,585.50	No Change

The Engineer's (ISL Engineering and Land Services Ltd.) pre-tender estimate was \$3,150,000, including GST.

## **EVALUATION**

The City's consultant reviewed the tender submissions for accuracy and completeness. There were two minor arithmetic errors that had no bearing on the outcome of the tender process. All submissions included the required 10% bid bond, were signed on the Tender Form, and were initialed on the Summary Sheet of the Schedule of Quantities and Prices.

The low bidder, Eurovia British Columbia Inc., has provided a Consent of Surety for a Performance Bond and a Labour & Materials Bond, and agreed to complete the work within 80 working days, as stipulated in the Contract. Eurovia British Columbia Inc.'s past performance on similar work has been satisfactory. They have no outstanding legal claims against the City. It is recommended that Eurovia British Columbia Inc. be awarded Contract No. 1717-021-11.

## FUNDING

Funding for this Contract is available in the approved 2019 Transportation Budget, of which \$3,700,000.00 in funding from South Coast British Columbia Transportation Authority (TransLink) has been allocated towards the construction of the King George Boulevard bus queue jumpers.

## SUSTAINABILITY CONSIDERATIONS

The work of this Contract supports the objectives of the City's Sustainability Charter 2.0. In particular, the project supports the following City Sustainability Charter 2.0 theme of Infrastructure. Specifically, this Contract supports the following Desired Outcome ("DO") and Strategic Direction ("SD"):

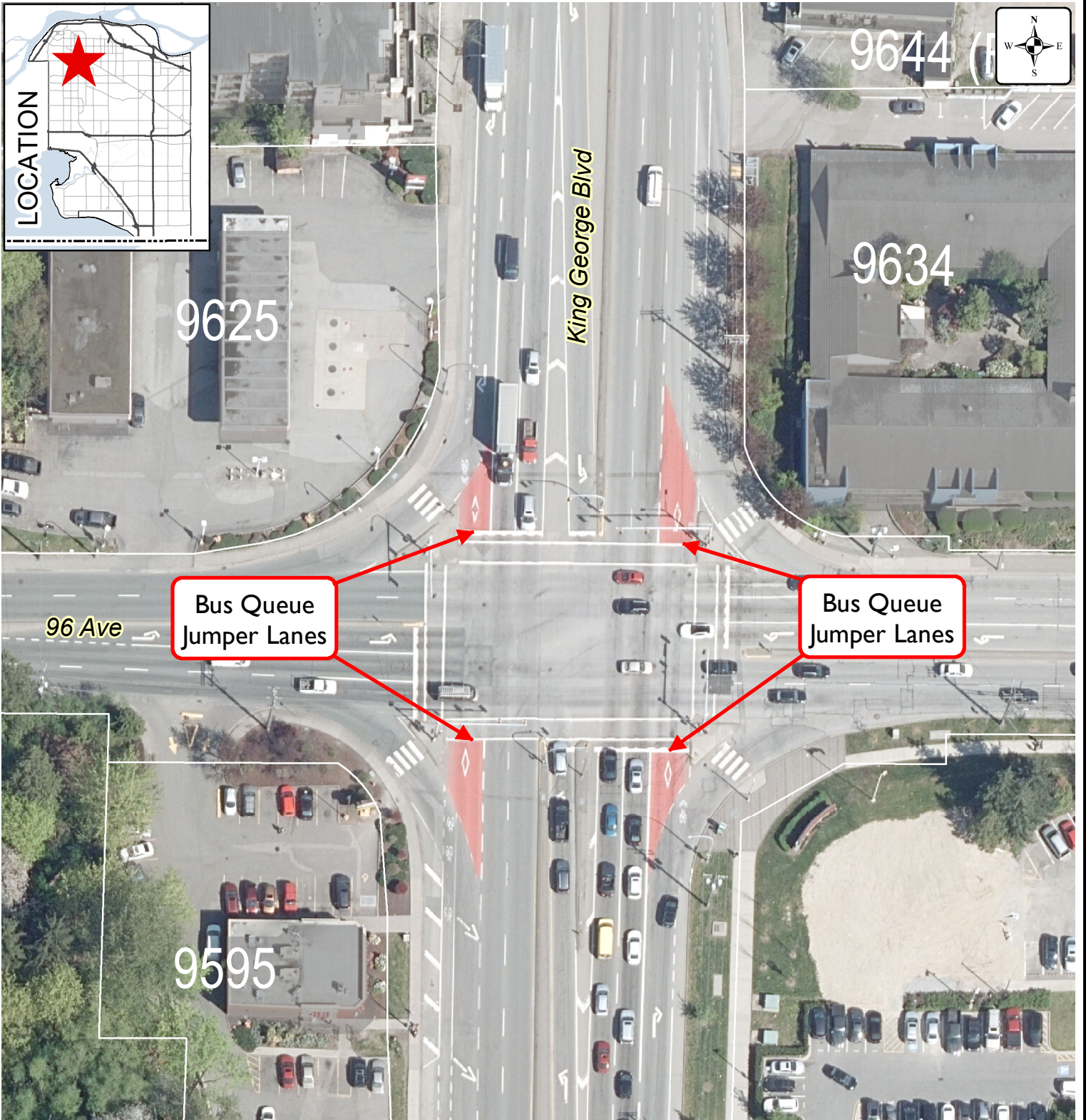
- All Infrastructure DO1: City facilities and infrastructure systems are well managed, adaptable and long lasting, and are effectively integrated into regional systems; and
- All Infrastructure SD1: Proactively manage community assets to maintain them over the long-term in a state of good repair.

Fraser Smith, P.Eng., MBA  
General Manager, Engineering

VJ/NC/cc

Appendix "I" – Map of Existing Bus Queue Jumper along King George Boulevard at 96 Avenue  
Appendix "II" – Map of Locations – Contract No. 1717-021-11

# Bus Queue Jumper Lanes



Produced by GIS Section: 27-Mar-2019, P205934

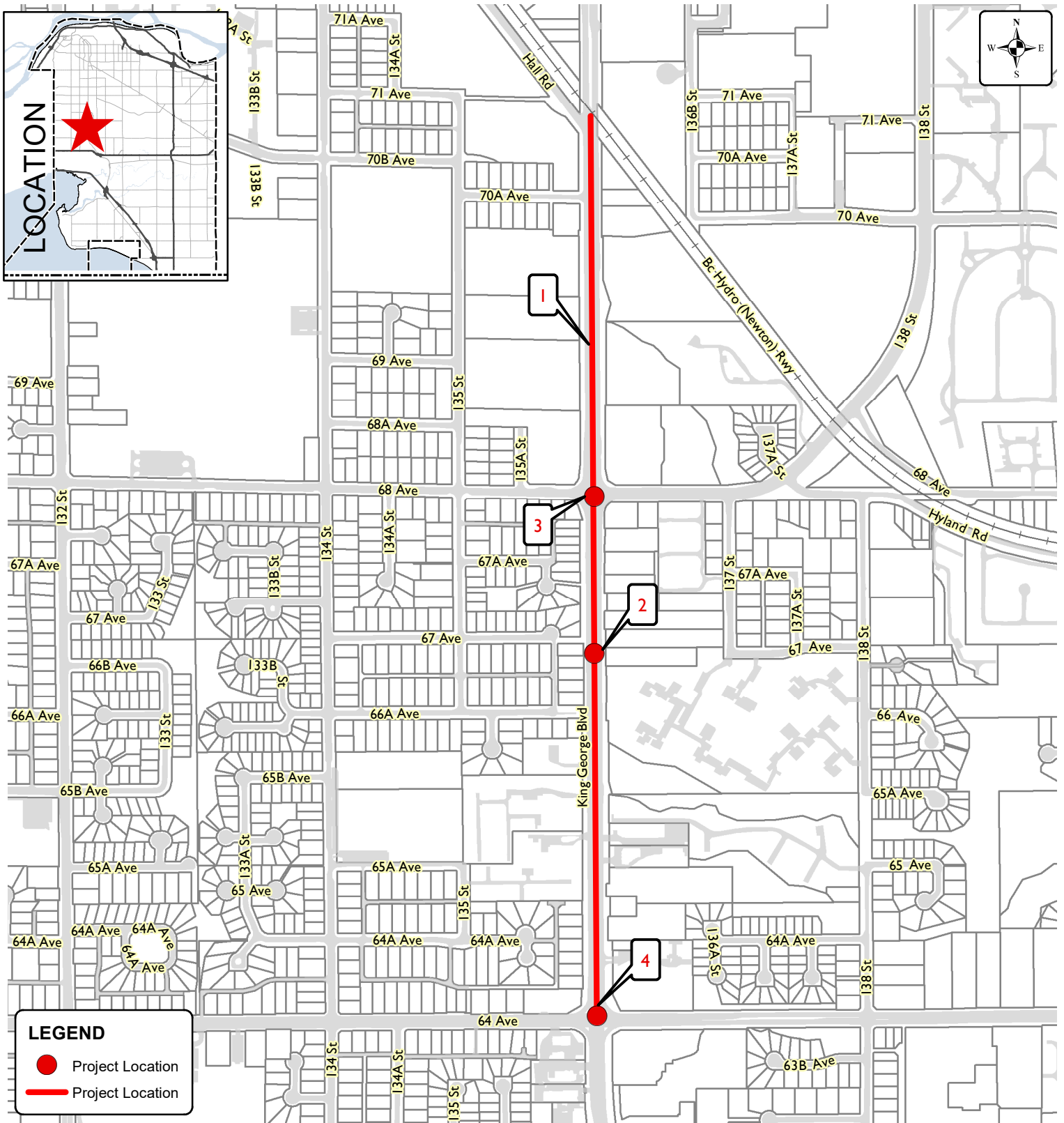
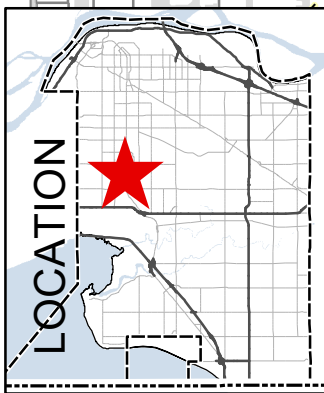
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## King George Boulevard and 96 Avenue

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.



**LEGEND**

- Project Location
- Project Location

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**Contract No. 1717-021-11**  
**King George Boulevard Arterial**  
**Paving and Intersection Improvements**

**ENGINEERING DEPARTMENT**

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