

NO: R003

COUNCIL DATE: January 16, 2023

REGULAR COUNCIL

TO: **Mayor & Council**

DATE: **January 5, 2023**

FROM: **General Manager, Engineering**

FILE: **1720-019/11**

SUBJECT: **Award of Contract No. 1720-019-11
King George Boulevard Arterial Paving and Intersection Improvements**

RECOMMENDATIONS

The Engineering Department recommends that Council:

1. Award Contract No. 1720-019-11 to Crown Contracting Limited in the amount of \$4,856,219.03 (including GST), for King George Boulevard Arterial Paving and Intersection Improvements;
2. Set the expenditure authorization limit for Contract No. 1720-019-11 at \$5,342,000.00 (including contingencies and GST); and
3. Authorize the General Manager, Engineering to execute Contract No. 1720-019-11.

INTENT

The intent of this corporate report is to seek Council's approval to award an agreement for the King George Boulevard Arterial Paving and Intersection Improvements, as illustrated on the map attached to this report as Appendix "I".

DISCUSSION

Scope of Work

The construction package related to this contract consists of the installation of bus queue jumper lanes along King George Boulevard between 72 Avenue and 74 Avenue to reduce transit travel time by providing lane improvements that allow buses to bypass traffic queues waiting at intersections. The proposed works at the intersection of King George Boulevard and 72 Avenue are illustrated on Appendix "II".

In addition, this contract includes the construction of a new signalized intersection at 73 Avenue, repaving of King George Boulevard, and conversion of on-street bike lanes to off-street facilities through the intersections to improve safety for road users.

Map Reference Number	Project #	Project Description	Location
1	R-18010	Traffic Signal Rebuild	King George Boulevard and 72 Avenue
2	R-18024	New Traffic Signal	King George Boulevard and 73 Avenue
3	R-19528	Traffic Signal Rebuild	King George Boulevard and 74 Avenue
4	R-18007 R-19090	Arterial Paving and Bus Queue Jumper Lanes	King George Boulevard between 72 Avenue and 74 Avenue

The contract permits construction from 7:00 a.m. to 10:00 p.m., Monday through Friday, in compliance with the *Surrey Noise Control Bylaw, 1982, No. 7044*, which provides balance between traffic disruptions and disruptions to residents and businesses.

Invitation to Tender Results

Tenders for the subject contract were opened on December 8, 2022, with the following results:

Contractor	Tendered Amount with GST	Corrected Amount
1. Crown Contracting Limited	\$4,856,219.03	No Change
2. All Roads Construction Ltd.	\$4,929,811.93	No Change
3. Eurovia British Columbia Inc.	\$5,616,533.77	No Change
4. Jack Cewe Construction Ltd.	\$5,699,278.20	No Change
5. Lafarge Canada Inc.	\$5,913,710.25	No Change

The Engineer's (ISL Engineering and Land Services Ltd.) pre-tender estimate was \$5,139,193.50 (including GST).

Evaluation

The submissions were reviewed for accuracy and completeness. No errors were found. All submissions included the required 10% bid bond and were signed on the Tender Form.

The low bidder, Crown Contracting Limited, has provided a Consent of Surety for a Performance Bond and a Labour & Materials Bond, and agreed to complete the work within 125 working days, as stipulated in the contract. Crown Contracting Limited's past performance on similar work has been satisfactory. They have no outstanding legal claims against the City. It is recommended that Crown Contracting Limited be awarded Contract No. 1720-019-11.

Project Schedule

The contract work is expected to start in February 2023 and be completed by July 2023.

SUSTAINABILITY CONSIDERATIONS

The work of this contract supports the objectives of the City's Sustainability Charter 2.0. In particular, this work relates to Sustainability Charter 2.0 theme of Infrastructure. Specifically, this project supports the following Desired Outcomes ("DOs") and Strategic Direction ("SD"):

- Transportation DO₁: An integrated and multi-modal transportation network offers affordable, convenient, accessible, and safe transportation choices within the community and to regional destinations;
- Transportation DO₂: Surrey residents of all ages and abilities have access to active transportation options, enabling them to participate fully in society without the use of a private automobile; and
- Transportation SD₁₁: Ensure the delivery of safe and accessible infrastructure, programs and education to support walking, cycling and transit for all residents.

FUNDING

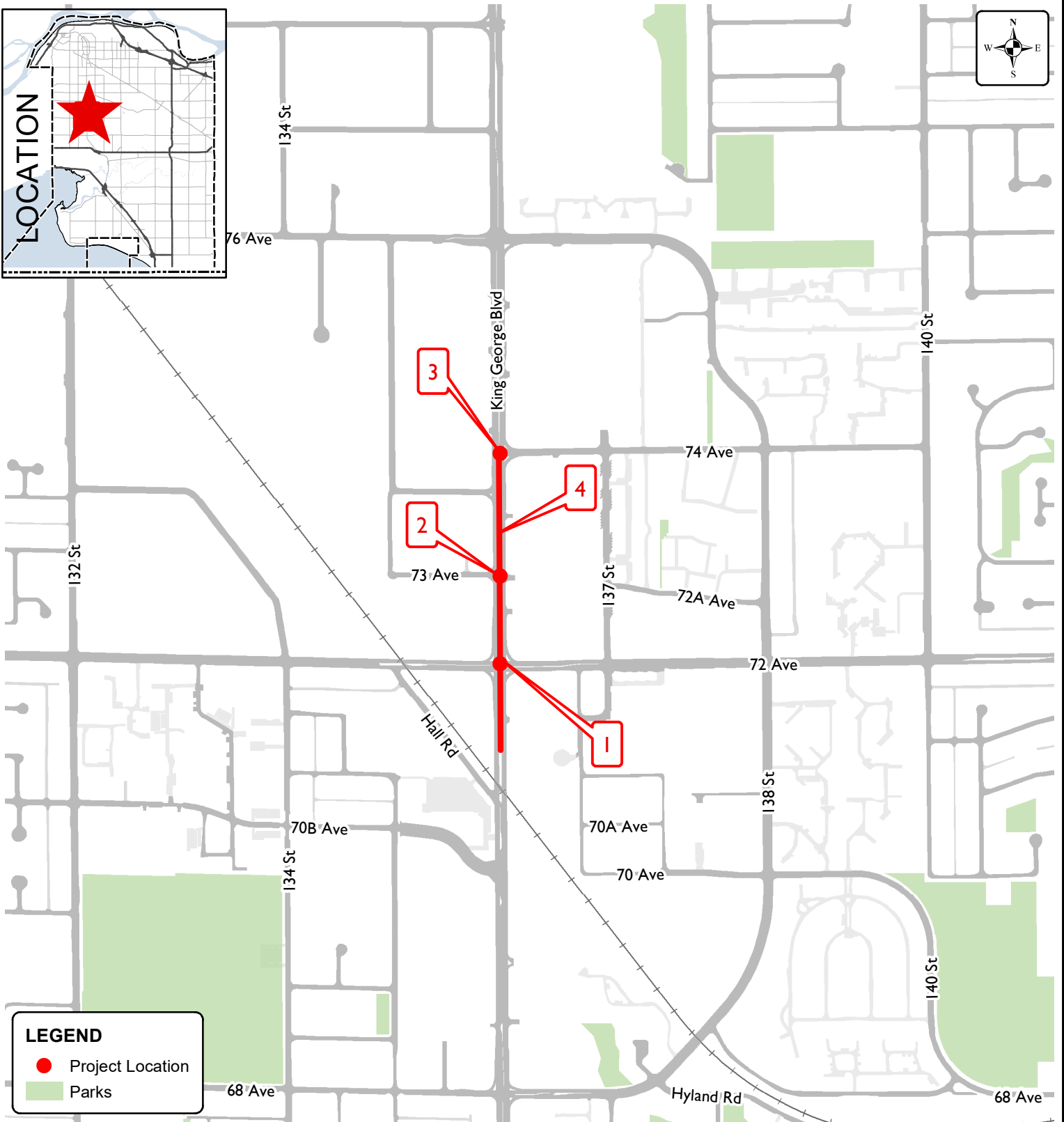
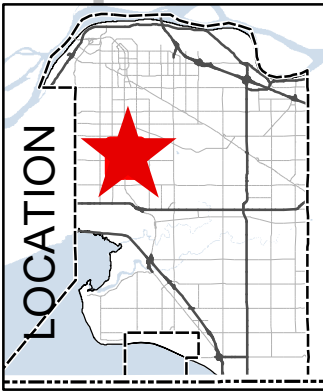
Funding for this contract is available in the proposed 2023 Transportation Budget.

Scott Neuman, P.Eng.
General Manager, Engineering

VJ/bn

Appendix "I" – Map of Locations – Contract No. 1720-019-11

Appendix "II" - Proposed Works at King George Boulevard and 72 Avenue Intersection



LEGEND

- Project Location
- Parks

Produced by GIS Section: 04-Jan-2023

Scale: 1:10,000 0 90 M



Contract No.1720-019-11
King George Boulevard Arterial Paving
and Intersection Improvements

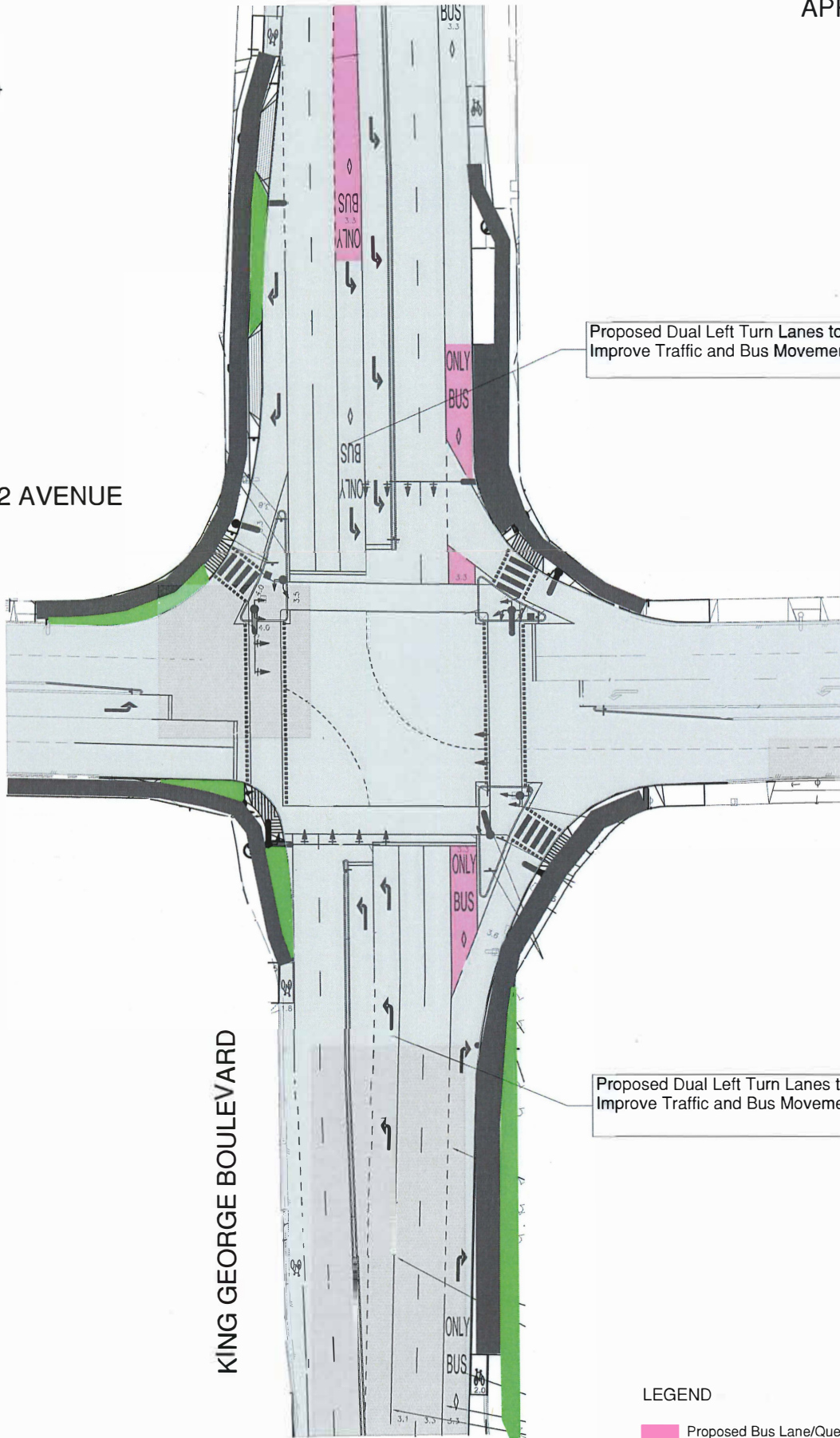
ENGINEERING
DEPARTMENT

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.



72 AVENUE

KING GEORGE BOULEVARD



Proposed Dual Left Turn Lanes to Improve Traffic and Bus Movements

Proposed Dual Left Turn Lanes to Improve Traffic and Bus Movements

LEGEND

- Proposed Bus Lane/Queue Jumper
- Proposed Off-Street Cycling/Pedestrian Facility
- Proposed Landscaping