

NO: R032

COUNCIL DATE: February 22, 2021

REGULAR COUNCIL

TO: **Mayor & Council**

DATE: **February 12, 2021**

FROM: **General Manager, Engineering**

FILE: **1718-045/11**

SUBJECT: **Award of Contract No. 1718-045-11
2021 Traffic Safety and Road Improvements**

RECOMMENDATION

The Engineering Department recommends that Council:

1. Award Contract No. 1718-045-11 to Mainland Construction Materials ULC dba Winvan Paving in the amount of \$2,700,465.22 (including GST) for the 2021 Traffic Safety and Road Improvements;
2. Set the expenditure authorization limit for Contract No. 1718-045-11 at \$2,971,000.00 (including GST and contingency); and
3. Authorize the General Manager, Engineering to execute Contract No. 1718-045-11.

SCOPE OF WORK

The construction package related to this Contract consists of traffic safety improvements, such as sidewalks, curb bulges and crosswalks, at various locations throughout the City, with certain locations nearby schools. The project locations are listed in the following table, which are also illustrated on the map attached to this report as Appendix "I".

Map Reference Number	Project #	Description	Location (nearby school)
1	R-17432	Curb bulges, sidewalk and raised crosswalk	61 Avenue at 134B Street (North Ridge Elementary School)
2	R-17434	Curb bulge and pedestrian crossing	20 Avenue at 127A Street and Ocean Forest Drive (Ocean Cliff Elementary School)
3	R-17435	Curb bulge modifications	58A Avenue at 129 Street
4	R-17436	Curb bulge and crosswalk	60 Avenue at 129B Street
5	R-17437	Curb bulge and crosswalk	60A and 61 Avenue at 142 Street (Woodward Hill Elementary School)
6	R-17438	Curb bulge and crosswalk	66 Avenue at 185 Street

Map Reference Number	Project #	Description	Location (nearby school)
7	R-17864	Roadwork consisting of school pick-up and drop-off improvements, pedestrian crossing and streetlighting	80 Avenue at 164 Street (William Watson Elementary School)
8	R-17865	Sidewalk and streetlighting	Croydon Drive at 28 Avenue
9	R-17859	Intersection improvements, speed humps and streetlighting	2 Avenue: 172A Street and 174 Street (Douglas Elementary School)
10	R-17858	Intersection improvements and pedestrian crossing	3 Avenue at 174 Street (Douglas Elementary School)
11	R-17861	Intersection improvements	2A Avenue at 172 Street and 173 Street (Douglas Elementary School)
12	R-17955	Intersection improvements, curb bulge, and pedestrian crossing	66 Avenue at 122 Street
13	R-17954	Curb bulge and pedestrian crossing	66 Avenue at 121 Street
14	R-17953	Curb bulge	26 Avenue at 171 Street (Pacific Heights Elementary School)
15	R-18703	Roadwork consisting of new sidewalks and street lighting	121 Street: 99 Avenue to 100 Avenue
16	R-18807	Sidewalk repairs	King George Boulevard: 32 Avenue Diversion to 27B 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*. The Contract does not include an option for contractors to work 24-hours a day, seven days a week, as the majority of the work is located within residential areas.

The Contract work is expected to start in March 2021 and be completed by September 2021. For locations near schools, the work will be completed either during non-peak times or during non-school days.

TENDER RESULTS

Tenders for the subject contract were opened on February 9, 2021 with the following results:

Contractor	Tendered Amount with GST	Corrected Amount
1. Mainland Construction Materials ULC dba Winvan Paving	\$2,696,790.22	\$2,700,465.22
2. Crown Contracting Ltd.	\$2,730,809.24	\$2,731,092.74
3. Mainland Infrastructure Canada Inc.	\$2,787,777.00	\$2,787,840.00
4. Drake Excavating(2016) Ltd.	\$2,912,918.45	\$2,913,968.01
5. Contour Concrete Ltd.	\$3,236,741.08	No Change
6. Eurovia British Columbia Inc.	\$3,554,473.30	\$3,549,422.79
7. All Roads Construction Ltd.	\$3,966,375.00	\$3,966,186.00
8. A.C Civil Contracting Ltd.	\$4,135,742.70	\$4,138,987.23

The Engineers' (Aplin & Martin Consultants Ltd. and R.F Binnie Associates Ltd.) pre-tender estimate was \$2.8 million (including GST).

EVALUATION

The City's consultant reviewed the tender submissions for accuracy and completeness. Seven minor arithmetic errors were found which had no bearing on the outcome of the tender process. All submissions included the required 10% bid bond and were signed on the Tender Form.

The low bidder, Mainland Construction Materials ULC dba Winvan Paving, has provided a Consent of Surety for a Performance Bond and a Labour & Materials Bond, and agreed to complete the work within 115 working days, as stipulated in the contract and they have no outstanding legal claims against the City. It is recommended that Mainland Construction Materials ULC dba Winvan Paving be awarded Contract No. 1718-045-11.

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 ("DO"):

- Transportation DO1: An integrated and multi-modal transportation network offers affordable, convenient, accessible, and safe transportation choices within the community and to regional destinations; and
- 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.

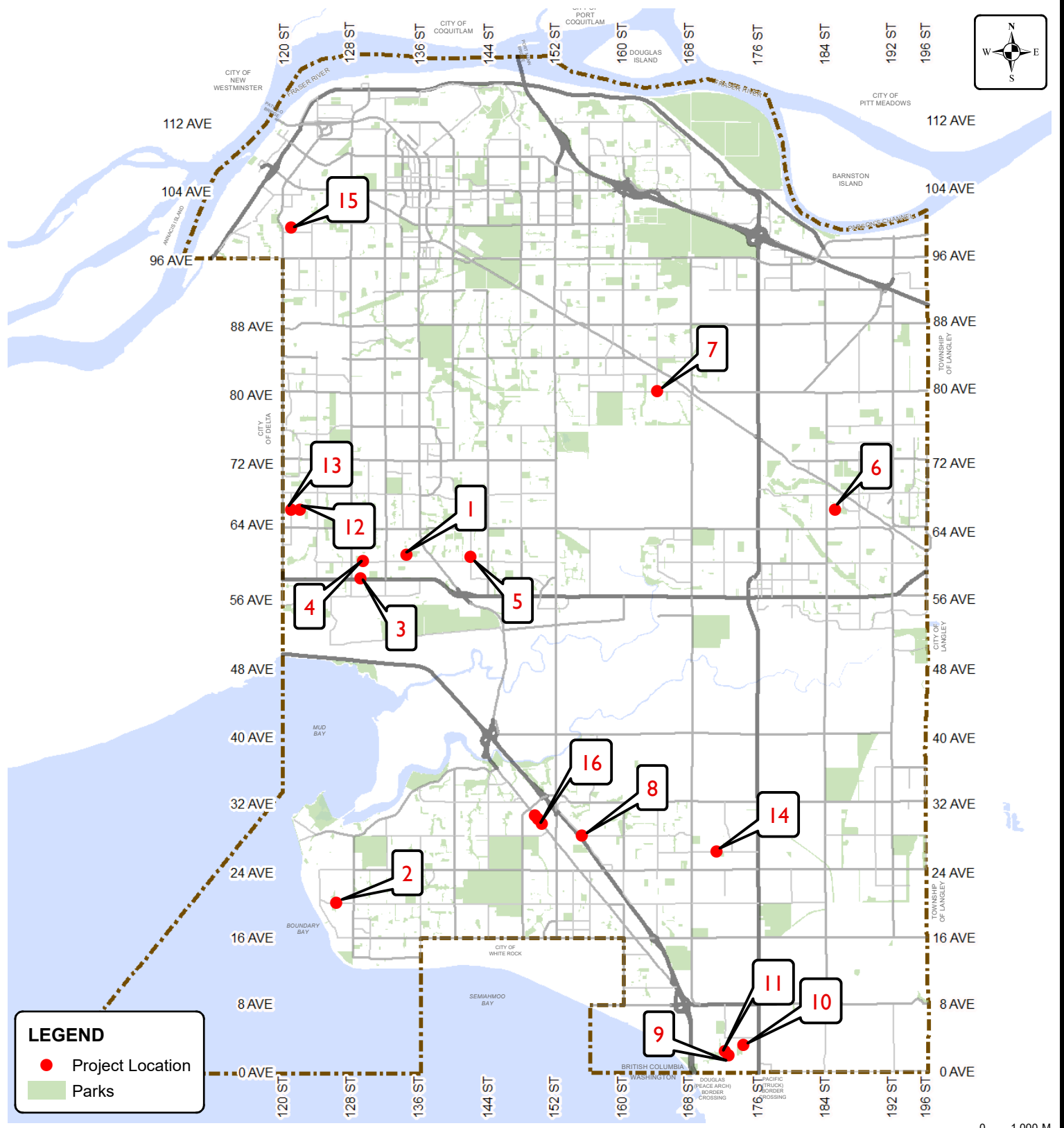
FUNDING

Funding for this Contract is available in the approved 2021 Transportation Budget.

Scott Neuman, P.Eng.
General Manager, Engineering

JC/VJ/AP/cc

Appendix "I" – Map of Locations – Contract No. 1718-045-11



Produced by GIS Section: 27-Jan-2021, JJR

Scale: 1:125,000 0 1,000 M



CONTRACT No. 1718-045-11 2021 Traffic Safety and Road 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.