

NO: **R041**

COUNCIL DATE: **March 9, 2020**

**REGULAR COUNCIL**

TO: **Mayor & Council**

DATE: **March 2, 2020**

FROM: **General Manager, Engineering**

FILE: **1716-056/11**

SUBJECT: **Award of Contract No. 1716-056-11  
160 Street Widening from 26 Avenue to 32 Avenue**

**RECOMMENDATION**

The Engineering Department recommends that Council:

1. Award Contract No. 1716-056-11 to B&B Contracting (2012) Ltd. in the amount of \$8,036,600.00(including GST) for the widening of 160 Street from 26 Avenue to 32 Avenue;
2. Set the expenditure authorization limit for Contract No. 1716-056-11 at \$8,840,260.00 (including GST and contingency); and
3. Authorize the General Manager, Engineering to execute Contract No. 1716-056-11.

**SCOPE OF WORK**

The construction package related to this Contract consists of the widening of 160 Street from 26 Avenue to 32 Avenue from two lanes to four lanes to support growth and increased traffic volumes. As well, to improve access and circulation in the neighbourhood, a new traffic signal is proposed at 160 Street and 30 Avenue. The project locations are listed in the following table, which are also illustrated on the map attached to this report as Appendix "I":

<b>Map Reference Number</b>	<b>Project #</b>	<b>Project Description</b>	<b>Location</b>
1	R-15541	Modifying existing traffic signal	160 Street and 32 Avenue
2	R-15632	Replacing existing 600mm and 750mm diameter culverts with two fish passable box culverts	160 Street and 3100 Block
3	R-15541	New traffic signal	160 Street and 30 Avenue
4	R-15632	Widening from two lanes to four lanes with median, left-turn bays, bike-path, sidewalks, and lighting	160 Street: 26 Avenue to 32 Avenue
5	R-15541	Modifying existing traffic signal	160 Street and 28 Avenue

This Contract permits construction from 7:00am to 10:00pm., 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 work is located in a residential area.

The Contract work is expected to start in April 2020 and be completed by September 2020. In order to facilitate safe construction and accelerate the delivery of this project, a road closure is planned along 160 Street between 28 Avenue and 32 Avenue commencing May 4, 2020 to August 31, 2020. The road closure is necessary to accommodate the replacement of the existing drainage culverts, given the depth of excavation required to complete this work and the timing window in which this work must be completed is restricted to summer months.

In an effort to minimize the impacts to the Sunnyside Elementary School and Southridge Junior & Senior Secondary School, the road closure will allow the road work to be substantially completed before school commences in September for the 2020/2021 school year. Staff consulted with both schools, and both are supportive of the planned road closure. As a result of the temporary road closure, it is estimated that the work will be completed in 100 working days compared to 200 working days (a 50% reduction), should a road closure have not been granted.

Furthermore, to prevent delays in the project completion, the City has commenced relocation of BC Hydro and telecommunication utility poles in advance of the road widening work. Trees were recently cleared within the project area which has allowed BC Hydro to commence their work and it is anticipated that the existing poles will be removed by early Summer.

## TENDER RESULTS

Tenders for the subject Contract were opened on February 27, 2020 with the following results:

<i>Contractor</i>	<i>Tendered Amount with GST</i>	<i>Corrected Amount</i>
1. B&B Contracting (2012) Ltd.	\$8,036,600.00	No Change
2. Tybo Contracting Ltd.	\$8,961,750.00	No Change
3. Lafarge Canada Inc.	\$9,089,142.30	No Change
4. Eurovia British Columbia Inc.	\$9,283,586.96	No Change
5. B. Cusano Contracting (2007) Inc.	\$9,4719,520.95	No Change
6. Triahn Enterprises (2018) Ltd.	\$10,190,234.25	No Change

The Engineer's (Stantec Consulting Ltd.) pre-tender estimate was \$8.64 million (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 on the Tender Form.

The low bidder, B&B Contracting (2012) Ltd., has provided a Consent of Surety for a Performance Bond and a Labour & Materials Bond, and agreed to complete the work within 100 working days, as stipulated in the Contract. B&B Contracting (2012) Ltd.'s past performance on similar work has been satisfactory. They have no outstanding legal claims against the City. It is recommended that B&B Contracting (2012) Ltd. be awarded Contract No. 1716-056-11.

## **SUSTAINABILITY CONSIDERATIONS**

The work of this Contract supports the objectives of the City's Sustainability Charter 2.0. In particular, this work relates to the Sustainability Charter 2.0 theme of Infrastructure. Specifically, this Contract supports the following Desired Outcomes ("DO"):

- All Infrastructure DO1: City facilities and infrastructure systems are well managed, adaptable and long lasting, and are effectively integrated into regional systems; and
- Transportation DO14: Goods movement throughout the city is efficient, and minimizes environmental and community impacts.

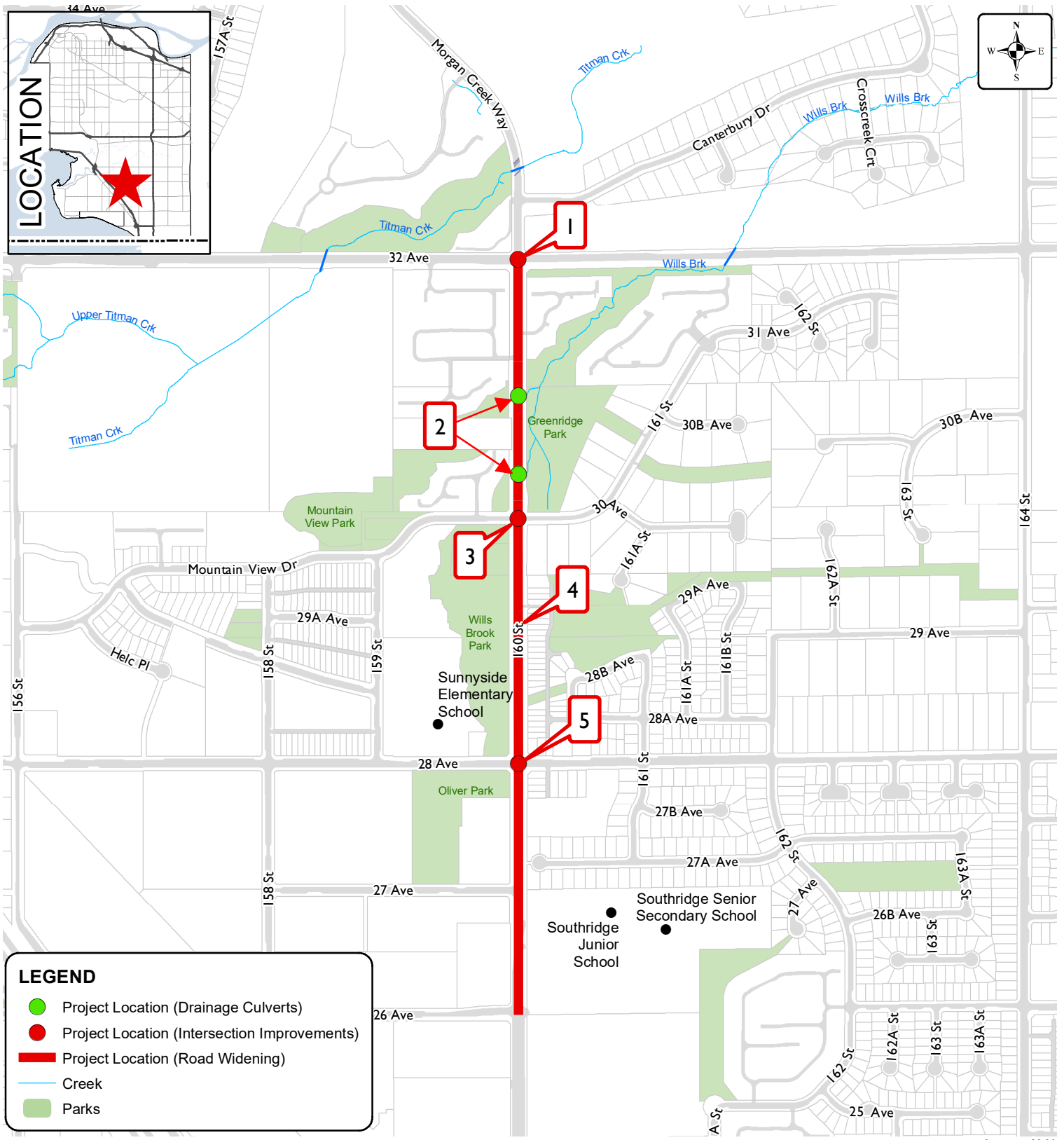
## **FUNDING**

Funding for this Contract is available in the approved 2020 Transportation Budget.

Scott Neuman, P.Eng.  
General Manager, Engineering

VJ/GKC/cc

Appendix "I" - Map of Locations – Contract No. 1716-056-11



Produced by GIS Section: 03-Mar-2020, P205934

Scale: 1:8,500 0 80 M



## CONTRACT No. 1716-056-11 160 Street: Widening from 26 Avenue to 32 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.