

NO: R070

COUNCIL DATE: April 23, 2018

REGULAR COUNCIL

TO: **Mayor & Council** DATE: **April 19, 2018**

FROM: **General Manager, Engineering** FILE: **1717-057/11**

SUBJECT: **Award of Contract No. 1717-057-11**
24 Avenue Widening from 161A Street to 168 Street

RECOMMENDATION

The Engineering Department recommends that Council:

1. Award Contract No. 1717-057-11 to B&B Contracting (2012) Ltd. in the amount of \$6,136,600.00 (including GST), for the construction of 24 Avenue widening from the 161A Street to 168 Street;
2. Set the expenditure authorization limit for Contract No. 1717-057-11 at \$6,800,000.00, (including GST and contingency); and
3. Authorize the General Manager, Engineering to execute Contract No. 1717-057-11.

SCOPE OF WORK

The construction package related to this Contract consists of the widening of 24 Avenue from 161A Street to 168 Street. While the ultimate 24 Avenue widening will accommodate a 5-lane cross-section, due to the existing road allowance constraints, the proposed road widening will feature a 5-lane cross-section from 161A Street to 165 Street and a 3-lanes interim cross section from 165 Street to 168 Street. This interim cross section will improve walking and cycling infrastructure, provide left turning lanes at 165 Street, and provide a left turn lane at 166 Street. The interim cross section will be replaced with the ultimate 5-lane cross section once future development applications on the north and south side of 24 Avenue dedicate the required land as part of their development application.

This Contract also includes the construction of storm and sanitary sewers, street traffic signals, street and pedestrian lights, sidewalks, multi-use-pathways, pedestrian crosswalks, a pedestrian mid-block signal at 163 Street on 24 Avenue and cycling infrastructure on both sides of the road. The projects that comprise this Contract are listed in the following table, which are also illustrated on the map which is attached as Appendix "I" to this report.

Map Reference Number	Project #	Project Description	Location
1	R-14229	Arterial Road Widening to Ultimate 5 lanes	24 Avenue: 161A Street to 165 Street
2	R-11754	New Traffic Signal	24 Avenue/164 Street
3	R-15593	Arterial Road Widening to Interim 3 lanes	24 Avenue: 165 Street to 168 Street
4	R-15540	New Pedestrian Traffic Signal	24 Avenue/166 Street
5	S-16310	800m of 250mm diameter sewer	24 Avenue: 164 Street to 168 Street
6	R-16710	New Traffic Signal	22 Block of 160 Street

The Contract work is expected to start on May 9, 2018, and be completed by March 2019.

TENDER RESULTS

Tenders for the subject Contract were opened on April 12, 2018, with the following results:

<i>Contractor</i>	<i>Tendered Amount with GST</i>	<i>Corrected Amount</i>
1. B&B Contracting (2012) Ltd. ("B&B")	\$6,136,600.00	No Change
2. Tybo Contracting Ltd.	\$6,424,948.69	No Change
3. Mainland Civil Site Services Inc.	\$6,557,250.00	No Change
4. Arsalan Construction Ltd.	\$7,324,167.90	No Change

The Engineer's pre-tender estimate was \$7,330,000.00 (including GST).

EVALUATION

The City's consultant reviewed the tender submissions for accuracy and completeness. There was one bid with minor arithmetic error 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, B&B, has provided a Consent of Surety for Performance Bond, Labour & Material Bond and agreed to complete the work within 180 working days, as stipulated in the Contract. B&B's past performance on similar work has been satisfactory. They have no outstanding legal claims against the City. It is recommended that B&B be awarded Contract No. 1717-057-11.

SUSTAINABILTIY 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.

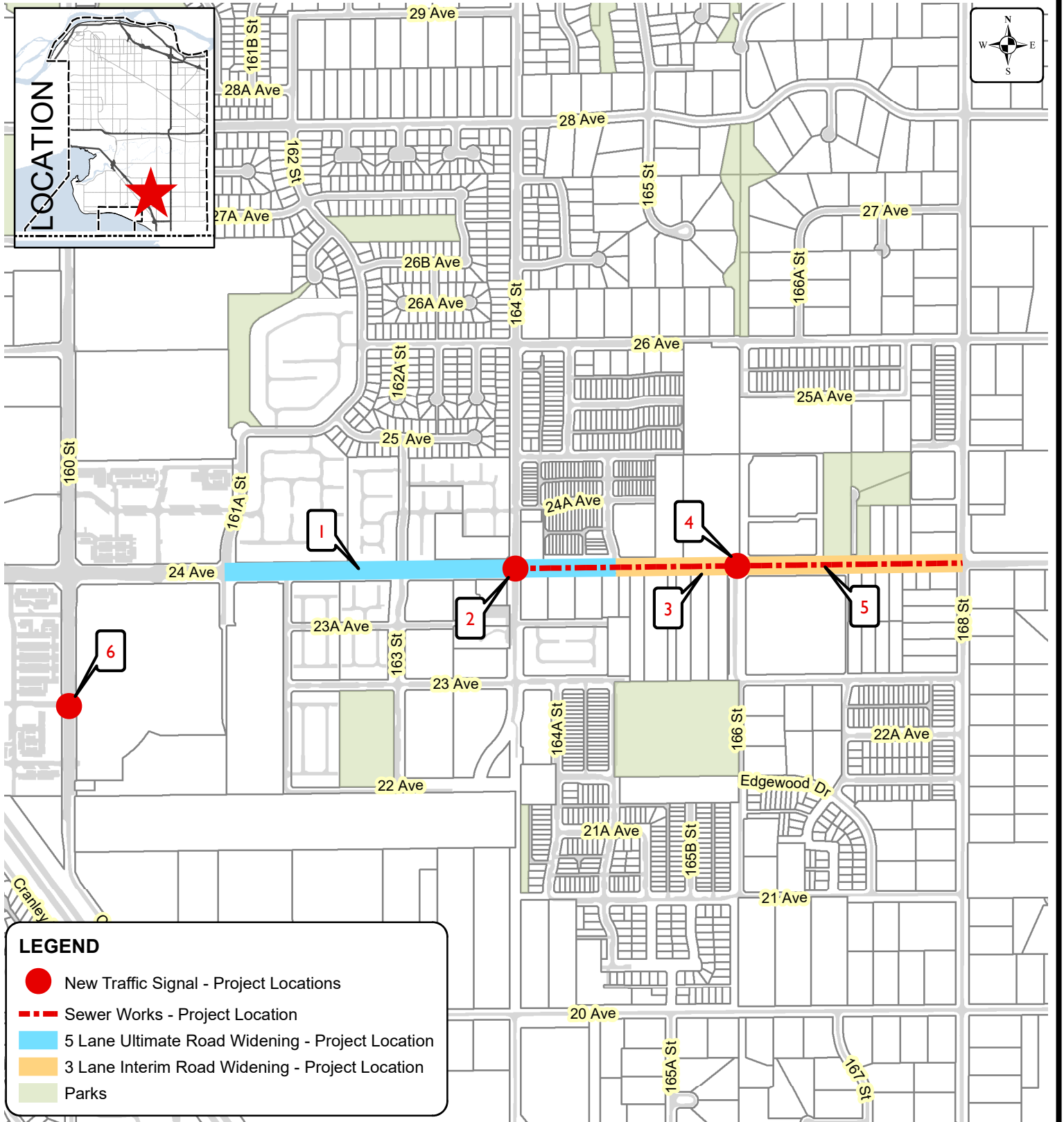
FUNDING

Funding for this contract is available in the approved 2018 Transportation Budget.

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

JA/GKC/jma/ggg

Appendix "I": Map of Location – Contract No. 1717-057-11



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Scale: 1:9,500 0 110 M



Contract No. 1717-057-11 24 Avenue Widening Project From 161A Street to 168 Street

ENGINEERING DEPARTMENT